LluÃ-s Arola

List of Publications by Year
in descending order

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291 papers	9,514 citations	34105 52 h-index	56724 83 g-index

299 all docs	299 docs citations	299 times ranked	11075 citing authors

#	Article	IF	Citations
1	In vitro 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, 2022, 73, 195-209.	2.8	5
2	Serum lysophospholipidome of dietary origin as a suitable susceptibility/risk biomarker of human hypercholesterolemia: A cross-sectional study. Clinical Nutrition, 2022, 41, 489-499.	5.0	3
3	Effects of an Optimized Aged Garlic Extract on Cardiovascular Disease Risk Factors in Moderate Hypercholesterolemic Subjects: A Randomized, Crossover, Double-Blind, Sustainedand Controlled Study. Nutrients, 2022, 14, 405.	4.1	8
4	â€œSom la Pera,â€•a School-Based, Peer-Led Social Marketing Intervention to Engage Spanish Adolescents in a Healthy Lifestyle: A Parallel-Cluster Randomized Controlled Study. Childhood Obesity, 2022, , .	1.5	0
5	Cardioprotective Properties of Phenolic Compounds: A Role for Biological Rhythms. Molecular Nutrition and Food Research, 2022, 66, e2100990.	3.3	13
6	Structured Long-Chain Omega-3 Fatty Acids for Improvement of Cognitive Function during Aging. International Journal of Molecular Sciences, 2022, 23, 3472.	4.1	9
7	Time-of-day dependent effect of proanthocyanidins on adipose tissue metabolism in rats with diet-induced obesity. International Journal of Obesity, 2022, 46, 1394-1402.	3.4	4
8	Hesperidin Bioavailability Is Increased by the Presence of 2S-Diastereoisomer and Micronizationâ€”A Randomized, Crossover and Double-Blind Clinical Trial. Nutrients, 2022, 14, 2481.	4.1	4
9	Metabolomics â€“ Nutritional and Physiological Challenges. , 2021, , 14-31.		0
10	Acute Effects of Turmeric Extracts on Knee Joint Pain: A Pilot, Randomized Controlled Trial. Journal of Medicinal Food, 2021, 24, 436-440.	1.5	10
11	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.	3.9	49
12	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.	5.2	7
13	Blood Pressure-Lowering Effect of Wine Lees: Dose-Response Study, Effect of Dealcoholization and Possible Mechanisms of Action. Nutrients, 2021, 13, 1142.	4.1	7
14	Impact of gut microbiota on plasma oxylipins profile under healthy and obesogenic conditions. Clinical Nutrition, 2021, 40, 1475-1486.	5.0	15
15	Anti-Inflammatory and Immunomodulatory Effects of the Grifola frondosa Natural Compound o-Orsellinaldehyde on LPS-Challenged Murine Primary Glial Cells. Roles of NF-Î°Î² and MAPK. Pharmaceutics, 2021, 13, 806.	4.5	7
16	Chronic Effect of a Cafeteria Diet and Intensity of Resistance Training on the Circulating Lysophospholipidome in Young Rats. Metabolites, 2021, 11, 471.	2.9	1
17	Phenolic compounds and biological rhythms: Who takes the lead?. Trends in Food Science and Technology, 2021, 113, 77-85.	15.1	43
18	Effects of Hesperidin Consumption on the Cardiovascular System in Preâ€•and Stage 1 Hypertensive Subjects: Targeted and Nonâ€Targeted Metabolomic Approaches (CITRUS Study). Molecular Nutrition and Food Research, 2021, 65, e2001175.	3.3	8

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19	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.	3.4	7
20	Combined Metabolic Activators Decrease Liver Steatosis by Activating Mitochondrial Metabolism in Hamsters Fed with a High-Fat Diet. Biomedicines, 2021, 9, 1440.	3.2	8
21	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.	5.0	4
22	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, 408.	4.1	10
23	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.	1.5	2
24	Metabolomics Elucidates Dose-Dependent Molecular Beneficial Effects of Hesperidin Supplementation in Rats Fed an Obesogenic Diet. Antioxidants, 2020, 9, 79.	5.1	27
25	Proteomic Analysis of Heart and Kidney Tissues in Healthy and Metabolic Syndrome Rats after Hesperidin Supplementation. Molecular Nutrition and Food Research, 2020, 64, 1901063.	3.3	6
26	Molecular phenomics of a high-calorie diet-induced porcine model of prepubertal obesity. Journal of Nutritional Biochemistry, 2020, 83, 108393.	4.2	7
27	Chrononutrition and Polyphenols: Roles and Diseases. Nutrients, 2019, 11, 2602.	4.1	39
28	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.	3.4	20
29	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.	3.8	14
30	Comparison of metaproteomics workflows for deciphering the functions of gut microbiota in an animal model of obesity. Journal of Proteomics, 2019, 209, 103489.	2.4	3
31	Effects from diet-induced gut microbiota dysbiosis and obesity can be ameliorated by fecal microbiota transplantation: A multiomics approach. PLoS ONE, 2019, 14, e0218143.	2.5	60
32	Proanthocyanidins and Epigenetics. , 2019, , 1933-1956.		2
33	Metabolomics Analyses to Investigate the Role of Diet and Physical Training. Methods in Molecular Biology, 2019, 1978, 403-430.	0.9	4
34	Impact of different hypercaloric diets on obesity features in rats: a metagenomics and metabolomics integrative approach. Journal of Nutritional Biochemistry, 2019, 71, 122-131.	4.2	26
35	Potential Use of Mobile Phone Applications for Self-Monitoring and Increasing Daily Fruit and Vegetable Consumption: A Systematized Review. Nutrients, 2019, 11, 686.	4.1	27
36	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.	3.7	10

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37	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, 6282.	4.1	10
38	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, 779.	4.0	10
39	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.	2.3	5
40	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.	2.3	15
41	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.	4.2	15
42	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.	3.4	124
43	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.	4.3	19
44	The â€œSom la Peraâ€•intervention: sustainability capacity evaluation of a peer-led social-marketing intervention to encourage healthy lifestyles among adolescents. Translational Behavioral Medicine, 2018, 8, 739-744.	2.4	8
45	Resveratrol Potently Counteracts Quercetin Starvationâ€•Induced Autophagy and Sensitizes HepG2 Cancer Cells to Apoptosis. Molecular Nutrition and Food Research, 2018, 62, 1700610.	3.3	30
46	Multiâ€•omics approach to elucidate the gut microbiota activity: Metaproteomics and metagenomics connection. Electrophoresis, 2018, 39, 1692-1701.	2.4	28
47	Deciphering psoriasis. A bioinformatic approach. Journal of Dermatological Science, 2018, 89, 120-126.	1.9	11
48	Alterations in gut microbiota associated with a cafeteria diet and the physiological consequences in the host. International Journal of Obesity, 2018, 42, 746-754.	3.4	31
49	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.	2.6	7
50	Potential Involvement of Peripheral Leptin/STAT3 Signaling in the Effects of Resveratrol and Its Metabolites on Reducing Body Fat Accumulation. Nutrients, 2018, 10, 1757.	4.1	31
51	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.	2.8	16
52	Anti-inflammatory and Proapoptotic Properties of the Natural Compound o-Orsellinaldehyde. Journal of Agricultural and Food Chemistry, 2018, 66, 10952-10963.	5.2	5
53	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.	5.2	3
54	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.	4.6	3

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55	The Exposure to Different Photoperiods Strongly Modulates the Glucose and Lipid Metabolisms of Normoweight Fischer 344 Rats. Frontiers in Physiology, 2018, 9, 416.	2.8	24
56	Changes in lysophospholipids and liver status after weight loss: the RESMENA study. Nutrition and Metabolism, 2018, 15, 51.	3.0	23
57	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.	3.6	15
58	Chronic supplementation with dietary proanthocyanidins protects from dietâ€induced intestinal alterations in obese rats. Molecular Nutrition and Food Research, 2017, 61, 1601039.	3.3	54
59	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.	3.3	46
60	Determination of mycotoxins in plant-based beverages using QuEChERS and liquid chromatographyâ€“tandem mass spectrometry. Food Chemistry, 2017, 229, 366-372.	8.2	59
61	Metabolomics: An emerging tool to evaluate the impact of nutritional and physiological challenges. TrAC - Trends in Analytical Chemistry, 2017, 96, 79-88.	11.4	23
62	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.	2.3	24
63	Grape seed proanthocyanidin supplementation reduces adipocyte size and increases adipocyte number in obese rats. International Journal of Obesity, 2017, 41, 1246-1255.	3.4	59
64	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.	3.4	40
65	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.	3.3	23
66	Serum lysophospholipid levels are altered in dyslipidemic hamsters. Scientific Reports, 2017, 7, 10431.	3.3	12
67	Mediterranean Diet and Multi-Ingredient-Based Interventions for the Management of Non-Alcoholic Fatty Liver Disease. Nutrients, 2017, 9, 1052.	4.1	76
68	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, 923.	2.6	7
69	Impact of a cafeteria diet and daily physical training on the rat serum metabolome. PLoS ONE, 2017, 12, e0171970.	2.5	18
70	Proanthocyanidins and Epigenetics. , 2017, , 1-24.		1
71	Genderâ€related similarities and differences in the body distribution of grape seed flavanols in rats. Molecular Nutrition and Food Research, 2016, 60, 760-772.	3.3	46
72	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.	5.3	44

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73	Dietary proanthocyanidins boost hepatic NAD+ metabolism and SIRT1 expression and activity in a dose-dependent manner in healthy rats. Scientific Reports, 2016, 6, 24977.	3.3	40
74	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.	4.7	60
75	Foodomics imaging by mass spectrometry and magnetic resonance. Electrophoresis, 2016, 37, 1748-1767.	2.4	22
76	Analytical methods in sphingolipidomics: Quantitative and profiling approaches in food analysis. Journal of Chromatography A, 2016, 1428, 16-38.	3.7	23
77	Proanthocyanidins in health and disease. BioFactors, 2016, 42, 5-12.	5.4	110
78	Treadmill Intervention Attenuates the Cafeteria Diet-Induced Impairment of Stress-Coping Strategies in Young Adult Female Rats. PLoS ONE, 2016, 11, e0153687.	2.5	18
79	COCOA (Theobroma cacao) Polyphenol-Rich Extract Increases the Chronological Lifespan of Saccharomyces cerevisiae. Journal of Frailty & Aging,the, 2016, 5, 186-90.	1.3	2
80	Dietary proanthocyanidins modulate the rhythm of BMAL1 expression and induce RORÎ± transactivation in HepG2 cells. Journal of Functional Foods, 2015, 13, 336-344.	3.4	15
81	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.	3.3	45
82	Roles of proanthocyanidin rich extracts in obesity. Food and Function, 2015, 6, 1053-1071.	4.6	81
83	Chronic consumption of dietary proanthocyanidins modulates peripheral clocks in healthy and obese rats. Journal of Nutritional Biochemistry, 2015, 26, 112-119.	4.2	41
84	Peroxisome Proliferator-Activated Receptor Î³ (PPARÎ³) and Ligand Choreography: Newcomers Take the Stage. Journal of Medicinal Chemistry, 2015, 58, 5381-5394.	6.4	75
85	White adipose tissue reference network: a knowledge resource for exploring health-relevant relations. Genes and Nutrition, 2015, 10, 439.	2.5	9
86	Metabolome responses to physiological and nutritional challenges. Current Opinion in Food Science, 2015, 4, 111-115.	8.0	16
87	Dietary proanthocyanidins modulate BMAL1 acetylation, Nampt expression and NAD levels in rat liver. Scientific Reports, 2015, 5, 10954.	3.3	52
88	Long-term supplementation with a low dose of proanthocyanidins normalized liver miR-33a and miR-122 levels in high-fat dietâ€“induced obese rats. Nutrition Research, 2015, 35, 337-345.	2.9	66
89	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.	2.3	4
90	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.	4.2	21

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91	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.	4.2	46
92	A youth-led social marketing intervention to encourage healthy lifestyles, the EYTO (European Youth) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Health, 2015, 15, 607.	2.9	27
93	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, 3531-3539.	4.6	6
94	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.	2.5	8
95	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.	3.4	33
96	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.	8.2	30
97	Mapping of the circulating metabolome reveals Î±-ketoglutarate as a predictor of morbid obesity-associated non-alcoholic fatty liver disease. International Journal of Obesity, 2015, 39, 279-287.	3.4	77
98	Resveratrol Enhances Palmitate-Induced ER Stress and Apoptosis in Cancer Cells. PLoS ONE, 2014, 9, e113929.	2.5	45
99	A novel form of the human manganese superoxide dismutase protects rat and human livers undergoing ischaemia and reperfusion injury. Clinical Science, 2014, 127, 527-537.	4.3	20
100	Effects Of A Post-Weaning Cafeteria Diet In Young Rats: Metabolic Syndrome, Reduced Activity And Low Anxiety-Like Behaviour. PLoS ONE, 2014, 9, e85049.	2.5	76
101	Omegaâ€3 polyunsaturated fatty acids and proanthocyanidins improve postprandial metabolic flexibility in rat. BioFactors, 2014, 40, 146-156.	5.4	8
102	Differential Modulation of Apoptotic Processes by Proanthocyanidins as a Dietary Strategy for Delaying Chronic Pathologies. Critical Reviews in Food Science and Nutrition, 2014, 54, 277-291.	10.3	9
103	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, 882-892.	14.5	110
104	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.	2.3	24
105	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.	3.4	34
106	Epigallocatechin gallate counteracts oxidative stress in docosahexaenoxic acid-treated myocytes. Biochimica Et Biophysica Acta - Bioenergetics, 2014, 1837, 783-791.	1.0	30
107	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, 914-922.	3.5	74
108	Grape seed proanthocyanidin extract improves the hepatic glutathione metabolism in obese <scp>Z</scp>ucker rats. Molecular Nutrition and Food Research, 2014, 58, 727-737.	3.3	38

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109	A doseâ€“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.	6.2	23
110	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, 629-637.	3.0	48
111	Classical dynamin DNM1 and DNM3 genes attain maximum expression in the normal human central nervous system. BMC Research Notes, 2014, 7, 188.	1.4	12
112	Effects of a low-fat yogurt supplemented with a rooster comb extract (mobileeÂ®) on joint function in adults with mild knee pain: a randomized trial. Osteoarthritis and Cartilage, 2014, 22, S325.	1.3	0
113	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, 151-156.	4.2	37
114	Chronic intake of proanthocyanidins and docosahexaenoic acid improves skeletal muscle oxidative capacity in diet-obese rats. Journal of Nutritional Biochemistry, 2014, 25, 1003-1010.	4.2	34
115	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.	8.2	20
116	Procyanidins and Their Healthy Protective Effects Against Type 2 Diabetes. Current Medicinal Chemistry, 2014, 22, 39-50.	2.4	82
117	Low-molecular procyanidin rich grape seed extract exerts antihypertensive effect in males spontaneously hypertensive rats. Food Research International, 2013, 51, 587-595.	6.2	89
118	Low doses of grape seed procyanidins reduce adiposity and improve the plasma lipid profile in hamsters. International Journal of Obesity, 2013, 37, 576-583.	3.4	90
119	Lipidomic and metabolomic analyses reveal potential plasma biomarkers of early atheromatous plaque formation in hamsters. Cardiovascular Research, 2013, 97, 642-652.	3.8	60
120	The good, the bad and the dubious: VHELIBS, a validation helper for ligands and binding sites. Journal of Cheminformatics, 2013, 5, 36.	6.1	42
121	Distribution of grape seed flavanols and their metabolites in pregnant rats and their fetuses. Molecular Nutrition and Food Research, 2013, 57, 1741-1752.	3.3	47
122	Serum metabolites of proanthocyanidin-administered rats decrease lipid synthesis in HepG2 cells. Journal of Nutritional Biochemistry, 2013, 24, 2092-2099.	4.2	48
123	Effects of grape seed procyanidin extract over low-grade chronic inflammation of obese Zucker fa/fa rats. Food Research International, 2013, 53, 319-324.	6.2	9
124	DHA sensitizes FaO cells to tert-BHP-induced oxidative effects. Protective role of EGCG. Food and Chemical Toxicology, 2013, 62, 750-757.	3.6	12
125	Atherosclerosis prevention by nutritional factors: A meta-analysis in small animal models. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, 84-93.	2.6	11
126	Grape seed procyanidin extract modulates proliferation and apoptosis of pancreatic beta-cells. Food Chemistry, 2013, 138, 524-530.	8.2	38

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127	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, 127-136.	2.5	14
128	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, 1411-1420.	2.3	24
129	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, 2039-2048.	3.3	11
130	Bioavailability of procyanidin dimers and trimers and matrix food effects in in vitro and in vivo models â€“ CORRIGENDUM. British Journal of Nutrition, 2013, 109, 2308-2308.	2.3	2
131	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.	2.5	50
132	Chronic Administration of Proanthocyanidins or Docosahexaenoic Acid Reversess the Increase of miR-33a and miR-122 in Dyslipidemic Obese Rats. PLoS ONE, 2013, 8, e69817.	2.5	69
133	The lipid-lowering effect of dietary proanthocyanidins in rats involves both chylomicron-rich and VLDL-rich fractions. British Journal of Nutrition, 2012, 108, 208-217.	2.3	36
134	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, 170-178.	2.3	57
135	Detection of bioavailable peroxisome proliferator-activated receptor gamma modulators by a cell-based luciferase reporter system. Analytical Biochemistry, 2012, 427, 187-189.	2.4	7
136	Grape seed proanthocyanidins repress the hepatic lipid regulators miRâ€33 and miRâ€122 in rats. Molecular Nutrition and Food Research, 2012, 56, 1636-1646.	3.3	87
137	Enhanced anti-inflammatory effect of resveratrol and EPA in treated endotoxin-activated RAW 264.7 macrophages. British Journal of Nutrition, 2012, 108, 1562-1573.	2.3	33
138	Plant-Derived Phenolics Inhibit the Accrual of Structurally Characterised Protein and Lipid Oxidative Modifications. PLoS ONE, 2012, 7, e43308.	2.5	10
139	Inhibition of Angiotensin-Converting Enzyme Activity by Flavonoids: Structure-Activity Relationship Studies. PLoS ONE, 2012, 7, e49493.	2.5	257
140	Assessment of Compatibility between Extraction Methods for NMR- and LC/MS-Based Metabolomics. Analytical Chemistry, 2012, 84, 5838-5844.	6.5	86
141	Additive, antagonistic, and synergistic effects of procyanidins and polyunsaturated fatty acids over inflammation in RAW 264.7 macrophages activated by lipopolysaccharide. Nutrition, 2012, 28, 447-457.	2.4	30
142	Improvement of Mitochondrial Function in Muscle of Genetically Obese Rats after Chronic Supplementation with Proanthocyanidins. Journal of Agricultural and Food Chemistry, 2011, 59, 8491-8498.	5.2	21
143	Acute Administration of Grape Seed Proanthocyanidin Extract Modulates Energetic Metabolism in Skeletal Muscle and BAT Mitochondria. Journal of Agricultural and Food Chemistry, 2011, 59, 4279-4287.	5.2	45
144	Antioxidant effects of a grapeseed procyanidin extract and oleoyl-estrone in obese Zucker rats. Nutrition, 2011, 27, 1172-1176.	2.4	23

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145	Nutritional biomarkers and foodomic methodologies for qualitative and quantitative analysis of bioactive ingredients in dietary intervention studies. Journal of Chromatography A, 2011, 1218, 7399-7414.	3.7	50
146	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, 717-728.	2.9	47
147	Dietary catechins and procyanidins modulate zinc homeostasis in human HepG2 cells. Journal of Nutritional Biochemistry, 2011, 22, 153-163.	4.2	42
148	Isoflavones reduce inflammation in 3T3-L1 adipocytes. Food Chemistry, 2011, 125, 513-520.	8.2	13
149	Proanthocyanidins modulate triglyceride secretion by repressing the expression of long chain acyl-CoA synthetases in Caco2 intestinal cells. Food Chemistry, 2011, 129, 1490-1494.	8.2	10
150	Modulatory effect of grape-seed procyanidins on local and systemic inflammation in diet-induced obesity rats. Journal of Nutritional Biochemistry, 2011, 22, 380-387.	4.2	140
151	Procyanidin dimer B1 and trimer C1 impair inflammatory response signalling in human monocytes. Free Radical Research, 2011, 45, 611-619.	3.3	47
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