M Josepa Salvado

List of Publications by Year
in descending order

85 papers	4,434 citations	81839 39 h-index	106281 65 g-index
86 all docs	86 docs citations	86 times ranked	4960 citing authors

#	Article	IF	Citations
1	Time-of-Day Circadian Modulation of Grape-Seed Procyanidin Extract (GSPE) in Hepatic Mitochondrial Dynamics in Cafeteria-Diet-Induced Obese Rats. Nutrients, 2022, 14, 774.	1.7	12
2	Cardioprotective Properties of Phenolic Compounds: A Role for Biological Rhythms. Molecular Nutrition and Food Research, 2022, 66, e2100990.	1.5	13
3	Phenolic compounds and biological rhythms: Who takes the lead?. Trends in Food Science and Technology, 2021, 113, 77-85.	7.8	43
4	Consumption of out-of-season orange modulates fat accumulation, morphology and gene expression in the adipose tissue of Fischer 344 rats. European Journal of Nutrition, 2020, 59, 621-631.	1.8	13
5	A Mix of Natural Bioactive Compounds Reduces Fat Accumulation and Modulates Gene Expression in the Adipose Tissue of Obese Rats Fed a Cafeteria Diet. Nutrients, 2020, 12, 3251.	1.7	4
6	Epigallocatechin Gallate Modulates Muscle Homeostasis in Type 2 Diabetes and Obesity by Targeting Energetic and Redox Pathways: A Narrative Review. International Journal of Molecular Sciences, 2019, 20, 532.	1.8	57
7	Response to the photoperiod in the white and brown adipose tissues of Fischer 344 rats fed a standard or cafeteria diet. Journal of Nutritional Biochemistry, 2019, 70, 82-90.	1.9	10
8	Consumption of Cherry out of Season Changes White Adipose Tissue Gene Expression and Morphology to a Phenotype Prone to Fat Accumulation. Nutrients, 2018, 10, 1102.	1.7	12
9	Flavonoids as Protective Agents Against Diet-Induced Oxidative Damage at Gastrointestinal Tract. , 2017, , 327-338.		0
10	Proanthocyanidins in health and disease. BioFactors, 2016, 42, 5-12.	2.6	110
11	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
12	Roles of proanthocyanidin rich extracts in obesity. Food and Function, 2015, 6, 1053-1071.	2.1	81
13	Chronic consumption of dietary proanthocyanidins modulates peripheral clocks in healthy and obese rats. Journal of Nutritional Biochemistry, 2015, 26, 112-119.	1.9	41
14	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.	1.3	66
15	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.	1.8	20
16	Omegaâ€3 polyunsaturated fatty acids and proanthocyanidins improve postprandial metabolic flexibility in rat. BioFactors, 2014, 40, 146-156.	2.6	8
17	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.	5.4	9
18	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.	6.5	110

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19	Epigallocatechin gallate counteracts oxidative stress in docosahexaenoxic acid-treated myocytes. Biochimica Et Biophysica Acta - Bioenergetics, 2014, 1837, 783-791.	0.5	30
20	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.	1.5	38
21	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.	1.9	37
22	Chronic intake of proanthocyanidins and docosahexaenoic acid improves skeletal muscle oxidative capacity in diet-obese rats. Journal of Nutritional Biochemistry, 2014, 25, 1003-1010.	1.9	34
23	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.	4.2	20
24	The good, the bad and the dubious: VHELIBS, a validation helper for ligands and binding sites. Journal of Cheminformatics, 2013, 5, 36.	2.8	42
25	mi<scp>RNA</scp>s, polyphenols, and chronic disease. Molecular Nutrition and Food Research, 2013, 57, 58-70.	1.5	57
26	DHA sensitizes FaO cells to tert-BHP-induced oxidative effects. Protective role of EGCG. Food and Chemical Toxicology, 2013, 62, 750-757.	1.8	12
27	Grape seed procyanidin extract reduces the endotoxic effects induced by lipopolysaccharide in rats. Free Radical Biology and Medicine, 2013, 60, 107-114.	1.3	56
28	Identification of PPARgamma Partial Agonists of Natural Origin (II): In Silico Prediction in Natural Extracts with Known Antidiabetic Activity. PLoS ONE, 2013, 8, e55889.	1.1	25
29	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.	1.1	69
30	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.	1.2	36
31	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.	1.2	57
32	Grape seed proanthocyanidins repress the hepatic lipid regulators miRâ€•33 and miRâ€•122 in rats. Molecular Nutrition and Food Research, 2012, 56, 1636-1646.	1.5	87
33	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.	2.4	21
34	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.	2.4	45
35	Antioxidant effects of a grapeseed procyanidin extract and oleoyl-estrone in obese Zucker rats. Nutrition, 2011, 27, 1172-1176.	1.1	23
36	Identification of human IKK-2 inhibitors of natural origin (Part II): In Silico prediction of IKK-2 inhibitors in natural extracts with known anti-inflammatory activity. European Journal of Medicinal Chemistry, 2011, 46, 6098-6103.	2.6	22

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37	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.	1.8	50
38	Dietary catechins and procyanidins modulate zinc homeostasis in human HepG2 cells. Journal of Nutritional Biochemistry, 2011, 22, 153-163.	1.9	42
39	Proanthocyanidins modulate triglyceride secretion by repressing the expression of long chain acyl-CoA synthetases in Caco2 intestinal cells. Food Chemistry, 2011, 129, 1490-1494.	4.2	10
40	Modulatory effect of grape-seed procyanidins on local and systemic inflammation in diet-induced obesity rats. Journal of Nutritional Biochemistry, 2011, 22, 380-387.	1.9	140
41	Procyanidin dimer B1 and trimer C1 impair inflammatory response signalling in human monocytes. Free Radical Research, 2011, 45, 611-619.	1.5	47
42	Identification of Human IKK-2 Inhibitors of Natural Origin (Part I): Modeling of the IKK-2 Kinase Domain, Virtual Screening and Activity Assays. PLoS ONE, 2011, 6, e16903.	1.1	23
43	Isoflavone effect on gene expression profile and biomarkers of inflammation. Journal of Pharmaceutical and Biomedical Analysis, 2010, 51, 382-390.	1.4	66
44	Hypolipidemic effects of proanthocyanidins and their underlying biochemical and molecular mechanisms. Molecular Nutrition and Food Research, 2010, 54, 37-59.	1.5	222
45	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, 476-481.	1.9	82
46	Effects of a grapeseed procyanidin extract (GSPE) on insulin resistanceâ˜†. Journal of Nutritional Biochemistry, 2010, 21, 961-967.	1.9	99
47	Dietary procyanidins enhance transcriptional activity of bile acidâ€activated FXR <i>in vitro</i> and reduce triglyceridemia<i> in vivo</i> in a FXRâ€dependent manner. Molecular Nutrition and Food Research, 2009, 53, 805-814.	1.5	85
48	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
49	Determination of procyanidins and their metabolites in plasma samples by improved liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 1169-1176.	1.2	84
50	Grape-seed procyanidins prevent low-grade inflammation by modulating cytokine expression in rats fed a high-fat diet. Journal of Nutritional Biochemistry, 2009, 20, 210-218.	1.9	260
51	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
52	In Vivo, in Vitro, and in Silico Studies of Cu/Zn-Superoxide Dismutase Regulation by Molecules in Grape Seed Procyanidin Extract. Journal of Agricultural and Food Chemistry, 2009, 57, 3934-3942.	2.4	25
53	Inhibitory Effects of Grape Seed Procyanidins on Foam Cell Formation in Vitro. Journal of Agricultural and Food Chemistry, 2009, 57, 2588-2594.	2.4	38
54	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

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55	Protein-ligand Docking: A Review of Recent Advances and Future Perspectives. Current Pharmaceutical Analysis, 2008, 4, 1-19.	0.3	67
56	Grape-Seed Procyanidins Act as Antiinflammatory Agents in Endotoxin-Stimulated RAW 264.7 Macrophages by Inhibiting NFkB Signaling Pathway. Journal of Agricultural and Food Chemistry, 2007, 55, 4357-4365.	2.4	240
57	Differential effects of grape-seed derived procyanidins on adipocyte differentiation markers in different in vivo situations. Genes and Nutrition, 2007, 2, 101-103.	1.2	8
58	Grape seed procyanidins inhibit the expression of metallothione in genes in human HepG2 cells. Genes and Nutrition, 2007, 2, 105-109.	1.2	12
59	In silico identification of red wine catechin binding sites on human and rat serotransferrins. Genes and Nutrition, 2007, 2, 99-100.	1.2	0
60	Tetramethylated Dimeric Procyanidins Are Detected in Rat Plasma and Liver Early after Oral Administration of Synthetic Oligomeric Procyanidins. Journal of Agricultural and Food Chemistry, 2006, 54, 2543-2551.	2.4	35
61	Moderate red-wine consumption partially prevents body weight gain in rats fed a hyperlipidic dietâ˜†. Journal of Nutritional Biochemistry, 2006, 17, 139-142.	1.9	30
62	Procyanidin Effects on Adipocyte-Related Pathologies. Critical Reviews in Food Science and Nutrition, 2006, 46, 543-550.	5.4	55
63	Grape-seed derived procyanidins interfere with adipogenesis of 3T3-L1 cells at the onset of differentiation. International Journal of Obesity, 2005, 29, 934-941.	1.6	72
64	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
65	Intracellular Mediators of Procyanidin-Induced Lipolysis in 3T3-L1 Adipocytes. Journal of Agricultural and Food Chemistry, 2005, 53, 262-266.	2.4	43
66	Metabolic Fate of Glucose on 3T3-L1 Adipocytes Treated with Grape Seed-Derived Procyanidin Extract (GSPE). Comparison with the Effects of Insulin. Journal of Agricultural and Food Chemistry, 2005, 53, 5932-5935.	2.4	26
67	Grape Seed Procyanidins Prevent Oxidative Injury by Modulating the Expression of Antioxidant Enzyme Systems. Journal of Agricultural and Food Chemistry, 2005, 53, 6080-6086.	2.4	154
68	Grape Seed-Derived Procyanidins Have an Antihyperglycemic Effect in Streptozotocin-Induced Diabetic Rats and Insulinomimetic Activity in Insulin-Sensitive Cell Lines. Endocrinology, 2004, 145, 4985-4990.	1.4	305
69	Antigenotoxic Effect of Grape Seed Procyanidin Extract in Fao Cells Submitted to Oxidative StressÂ§. Journal of Agricultural and Food Chemistry, 2004, 52, 1083-1087.	2.4	67
70	Human Apo A-I and Rat Transferrin Are the Principal Plasma Proteins That Bind Wine Catechins. Journal of Agricultural and Food Chemistry, 2002, 50, 2708-2712.	2.4	44
71	Procyanidins protect Fao cells against hydrogen peroxide-induced oxidative stress. Biochimica Et Biophysica Acta - General Subjects, 2002, 1572, 25-30.	1.1	45
72	Nonalcoholic components in wine reduce low density lipoprotein cholesterol in normocholesterolemic rats. Lipids, 2001, 36, 383-388.	0.7	12

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73	Changes in lipolysis and hormone-sensitive lipase expression caused by procyanidins in 3T3-L1 adipocytes. International Journal of Obesity, 2000, 24, 319-324.	1.6	76
74	Effects of chronic wine and alcohol intake on glutathione and malondialdehyde levels in rats. Nutrition Research, 2000, 20, 1547-1555.	1.3	9
75	Moderate red wine consumption protects the rat against oxidation in vivo. Life Sciences, 1999, 64, 1517-1524.	2.0	43
76	Model for Voluntary Wine and Alcohol Consumption in Rats. Physiology and Behavior, 1997, 62, 353-357.	1.0	12
77	Regulation of ammonia-metabolizing enzymes expression in the liver of obese rats: Differences between genetic and nutritional obesities. International Journal of Obesity, 1997, 21, 681-685.	1.6	5
78	Regulation of Glutamate Dehydrogenase Expression in the Developing Rat Liver. Control at Different Levels in the Prenatal Period. FEBS Journal, 1996, 235, 677-682.	0.2	11
79	Glutamine force-feeding effect on plasma amino-acid concentrations in growing rats fed a cafeteria diet. Reproduction, Nutrition, Development, 1994, 34, 165-173.	1.9	0
80	Changes induced in amino acid-enzymes of developing rats by a high-energy diet and glucose gavage. Archives Internationales De Physiologie, De Biochimie Et De Biophysique, 1993, 101, 71-75.	0.1	0
81	Effect of diet and essential amino acids gavage on young rat amino acid metabolism enzymes. Comparative Biochemistry and Physiology A, Comparative Physiology, 1992, 103, 817-822.	0.7	0
82	Influence of diet and non-essential nitrogen on amino acid metabolism enzymes of developing rats. Nutrition Research, 1992, 12, 955-963.	1.3	1
83	Dominant role of glucagon in the initial induction of phosphoenolpyruvate carboxykinase mRNA in cultured hepatocytes from fetal rats. FEBS Journal, 1992, 210, 1053-1059.	0.2	18
84	Postnatal Development of Plasma Amino Acids in Hyperphagic Rats. Annals of Nutrition and Metabolism, 1991, 35, 242-248.	1.0	2
85	Effects of lactation on circulating plasma metabolites in â€˜cafeteria-fedâ€™ rats. British Journal of Nutrition, 1986, 55, 139-147.	1.2	18