MarÃ-a P. Portillo

List of Publications by Year
in descending order

203	7,819	53794	71685
papers	citations	45 h-index	76 g-index

207	207	207	10603
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Reshaping faecal gut microbiota composition by the intake of trans-resveratrol and quercetin in high-fat sucrose diet-fed rats. Journal of Nutritional Biochemistry, 2015, 26, 651-660.	4.2	372
2	Impact of Polyphenols and Polyphenol-Rich Dietary Sources on Gut Microbiota Composition. Journal of Agricultural and Food Chemistry, 2013, 61, 9517-9533.	5.2	306
3	Coexistence of three Î²-adrenoceptor subtypes in white fat cells of various mammalian species. European Journal of Pharmacology, 1991, 199, 291-301.	3.5	188
4	Dietary polyphenols as antidiabetic agents: Advances and opportunities. Food Frontiers, 2020, 1, 18-44.	7.4	182
5	Cohort Profile: Design and methods of the PREDIMED-Plus randomized trial. International Journal of Epidemiology, 2019, 48, 387-388o.	1.9	179
6	Resveratrol: Anti-Obesity Mechanisms of Action. Molecules, 2014, 19, 18632-18655.	3.8	152
7	Comparative effect of two Mediterranean diets versus a low-fat diet on glycaemic control in individuals with type 2 diabetes. European Journal of Clinical Nutrition, 2014, 68, 767-772.	2.9	151
8	Beneficial Effects of Quercetin on Obesity and Diabetes. The Open Nutraceuticals Journal, 2011, 4, 189-198.	0.2	147
9	Olive oil in the prevention and management of type 2 diabetes mellitus: a systematic review and meta-analysis of cohort studies and intervention trials. Nutrition and Diabetes, 2017, 7, e262-e262.	3.2	142
10	Resveratrol attenuates steatosis in obese Zucker rats by decreasing fatty acid availability and reducing oxidative stress. British Journal of Nutrition, 2012, 107, 202-210.	2.3	137
11	Guide and Position of the International Society of Nutrigenetics/Nutrigenomics on Personalised Nutrition: Part 1 - Fields of Precision Nutrition. Lifestyle Genomics, 2016, 9, 12-27.	1.7	133
12	Conjugated linoleic acid isomers: Differences in metabolism and biological effects. BioFactors, 2009, 35, 105-111.	5.4	132
13	Regulation of glucose metabolism by bioactive phytochemicals for the management of type 2 diabetes mellitus. Critical Reviews in Food Science and Nutrition, 2019, 59, 830-847.	10.3	123
14	Effects of resveratrol and other polyphenols in hepatic steatosis. World Journal of Gastroenterology, 2014, 20, 7366.	3.3	114
15	Resveratrol regulates lipolysis via adipose triglyceride lipase. Journal of Nutritional Biochemistry, 2012, 23, 379-384.	4.2	113
16	Thermogenesis is involved in the body-fat lowering effects of resveratrol in rats. Food Chemistry, 2013, 141, 1530-1535.	8.2	105
17	Effects of different doses of resveratrol on body fat and serum parameters in rats fed a hypercaloric diet. Journal of Physiology and Biochemistry, 2009, 65, 369-376.	3.0	103
18	Changes in white adipose tissue metabolism induced by resveratrol in rats. Nutrition and Metabolism, 2011, 8, 29.	3.0	103

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19	Usefulness of combining intermittent hypoxia and physical exercise in the treatment of obesity. Journal of Physiology and Biochemistry, 2012, 68, 289-304.	3.0	98
20	Olive oil feeding up-regulates uncoupling protein genes in rat brown adipose tissue and skeletal muscle. American Journal of Clinical Nutrition, 2002, 75, 213-220.	4.7	95
21	Key Aspects in Nutritional Management of COVID-19 Patients. Journal of Clinical Medicine, 2020, 9, 2589.	2.4	93
22	Effects of the whole seed and a protein isolate of faba bean (Vicia faba) on the cholesterol metabolism of hypercholesterolaemic rats. British Journal of Nutrition, 2001, 85, 607-614.	2.3	92
23	Expanding role for the apelin/APJ system in physiopathology. Journal of Physiology and Biochemistry, 2007, 63, 358-373.	3.0	92
24	Pterostilbeneâ€induced changes in gut microbiota composition in relation to obesity. Molecular Nutrition and Food Research, 2017, 61, 1500906.	3.3	88
25	Hepatic lipid metabolic pathways modified by resveratrol in rats fed an obesogenic diet. Nutrition, 2013, 29, 562-567.	2.4	87
26	Dietary inflammatory index and all-cause mortality in large cohorts: The SUN and PREDIMED studies. Clinical Nutrition, 2019, 38, 1221-1231.	5.0	87
27	Delipidating effect of resveratrol metabolites in 3<scp>T</scp>3â€<scp>L</scp>1 adipocytes. Molecular Nutrition and Food Research, 2012, 56, 1559-1568.	3.3	86
28	Role of Omentin, Vaspin, Cardiotrophin-1, TWEAK and NOV/CCN3 in Obesity and Diabetes Development. International Journal of Molecular Sciences, 2017, 18, 1770.	4.1	81
29	Distribution of Resveratrol Metabolites in Liver, Adipose Tissue, and Skeletal Muscle in Rats Fed Different Doses of This Polyphenol. Journal of Agricultural and Food Chemistry, 2012, 60, 4833-4840.	5.2	80
30	Anti-Inflammatory Effects of the Mediterranean Diet in the Early and Late Stages of Atheroma Plaque Development. Mediators of Inflammation, 2017, 2017, 1-12.	3.0	78
31	Lifestyles and Risk Factors Associated with Adherence to the Mediterranean Diet: A Baseline Assessment of the PREDIMED Trial. PLoS ONE, 2013, 8, e60166.	2.5	77
32	High-Throughput Sequencing of microRNAs in Peripheral Blood Mononuclear Cells: Identification of Potential Weight Loss Biomarkers. PLoS ONE, 2013, 8, e54319.	2.5	73
33	Effects of resveratrol on obesity-related inflammation markers in adipose tissue of genetically obese rats. Nutrition, 2013, 29, 1374-1380.	2.4	66
34	A combination of resveratrol and quercetin induces browning in white adipose tissue of rats fed an obesogenic diet. Obesity, 2017, 25, 111-121.	3.0	62
35	Phenolic compounds apigenin, hesperidin and kaempferol reduce in vitro lipid accumulation in human adipocytes. Journal of Translational Medicine, 2017, 15, 237.	4.4	62
36	Dietary Inflammatory Index and liver status in subjects with different adiposity levels within the PREDIMED trial. Clinical Nutrition, 2018, 37, 1736-1743.	5.0	59

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37	A Mediterranean Diet Rich in Extra-Virgin Olive Oil Is Associated with a Reduced Prevalence of Nonalcoholic Fatty Liver Disease in Older Individuals at High Cardiovascular Risk. Journal of Nutrition, 2019, 149, 1920-1929.	2.9	59
38	Association between dietary phylloquinone intake and peripheral metabolic risk markers related to insulin resistance and diabetes in elderly subjects at high cardiovascular risk. Cardiovascular Diabetology, 2013, 12, 7.	6.8	58
39	Resveratrol Metabolites Modify Adipokine Expression and Secretion in 3T3-L1 Pre-Adipocytes and Mature Adipocytes. PLoS ONE, 2013, 8, e63918.	2.5	58
40	Quercetin can reduce insulin resistance without decreasing adipose tissue and skeletal muscle fat accumulation. Genes and Nutrition, 2014, 9, 361.	2.5	58
41	Pterostilbene, a Dimethyl Ether Derivative of Resveratrol, Reduces Fat Accumulation in Rats Fed an Obesogenic Diet. Journal of Agricultural and Food Chemistry, 2014, 62, 8371-8378.	5.2	54
42	Screening of potential anti-adipogenic effects of phenolic compounds showing different chemical structure in 3T3-L1 preadipocytes. Food and Function, 2017, 8, 3576-3586.	4.6	54
43	Circulating miRNAs as Biomarkers of Obesity and Obesity-Associated Comorbidities in Children and Adolescents: A Systematic Review. Nutrients, 2019, 11, 2890.	4.1	54
44	Effects of conjugated linoleic acid on liver composition and fatty acid oxidation are isomer-dependent in hamster. Nutrition, 2005, 21, 512-519.	2.4	49
45	The combination of resveratrol and quercetin enhances the individual effects of these molecules on triacylglycerol metabolism in white adipose tissue. European Journal of Nutrition, 2016, 55, 341-348.	3.9	49
46	Polyphenol Levels Are Inversely Correlated with Body Weight and Obesity in an Elderly Population after 5 Years of Follow Up (The Randomised PREDIMED Study). Nutrients, 2017, 9, 452.	4.1	48
47	Effects of resveratrol on changes induced by high-fat feeding on clock genes in rats. British Journal of Nutrition, 2013, 110, 1421-1428.	2.3	45
48	Doses of Quercetin in the Range of Serum Concentrations Exert Delipidating Effects in 3T3-L1 Preadipocytes by Acting on Different Stages of Adipogenesis, but Not in Mature Adipocytes. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-11.	4.0	45
49	Scientific Evidence Supporting the Beneficial Effects of Isoflavones on Human Health. Nutrients, 2020, 12, 3853.	4.1	45
50	The role of dietary fat in adipose tissue metabolism. Public Health Nutrition, 2007, 10, 1126-1131.	2.2	44
51	Effects of conjugated linoleic acid on body fat accumulation and serum lipids in hamsters fed an atherogenic diet. Journal of Physiology and Biochemistry, 2003, 59, 193-199.	3.0	43
52	Fatty acid synthase methylation levels in adipose tissue: effects of an obesogenic diet and phenol compounds. Genes and Nutrition, 2014, 9, 411.	2.5	43
53	MicroRNAs involved in the browning process of adipocytes. Journal of Physiology and Biochemistry, 2016, 72, 509-521.	3.0	43
54	Chronic benzylamine administration in the drinking water improves glucose tolerance, reduces body weight gain and circulating cholesterol in high-fat diet-fed mice. Pharmacological Research, 2010, 61, 355-363.	7.1	42

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55	Potential miRNA involvement in the anti-adipogenic effect of resveratrol and its metabolites. PLoS ONE, 2017, 12, e0184875.	2.5	40
56	Effect of a Very-Low-Calorie Ketogenic Diet on Circulating Myokine Levels Compared with the Effect of Bariatric Surgery or a Low-Calorie Diet in Patients with Obesity. Nutrients, 2019, 11, 2368.	4.1	40
57	Association of lifestyle factors and inflammation with sarcopenic obesity: data from the PREDIMEDâ€Plus trial. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 974-984.	7.3	40
58	Expanding role for the apelin/APJ system in physiopathology. Journal of Physiology and Biochemistry, 2007, 63, 359-73.	3.0	40
59	Pterostilbene improves glycaemic control in rats fed an obesogenic diet: involvement of skeletal muscle and liver. Food and Function, 2015, 6, 1968-1976.	4.6	39
60	Involvement of miR-539-5p in the inhibition of de novo lipogenesis induced by resveratrol in white adipose tissue. Food and Function, 2016, 7, 1680-1688.	4.6	39
61	Several statins increase body and liver fat accumulation in a model of metabolic syndrome. Journal of Physiology and Pharmacology, 2013, 64, 281-8.	1.1	39
62	Lipid and Glucose Utilization in Hypercholesterolemic Rats Fed a Diet Containing Heated Chickpea (Cicer Aretinum L.): A Potential Functional Food. International Journal for Vitamin and Nutrition Research, 1999, 69, 403-411.	1.5	38
63	Thetrans-10,cis-12 isomer of conjugated linoleic acid reduces hepatic triacylglycerol content without affecting lipogenic enzymes in hamsters. British Journal of Nutrition, 2004, 92, 383-389.	2.3	38
64	Antiobesity effects of resveratrol: which tissues are involved?. Annals of the New York Academy of Sciences, 2017, 1403, 118-131.	3.8	38
65	Food-Based Dietary Guidelines around the World: A Comparative Analysis to Update AESAN Scientific Committee Dietary Recommendations. Nutrients, 2021, 13, 3131.	4.1	38
66	Effects of Fluoxetine Administration on Neuropeptide Y and Orexins in Obese Zucker Rat Hypothalamus. Obesity, 2002, 10, 532-540.	4.0	37
67	Influence of dietary macronutrient composition on adiposity and cellularity of different fat depots in Wistar rats. Journal of Physiology and Biochemistry, 2009, 65, 387-395.	3.0	37
68	The body fat-lowering effect of conjugated linoleic acid: a comparison between animal and human studies. Journal of Physiology and Biochemistry, 2006, 62, 137-147.	3.0	36
69	Changes in bread consumption and 4-year changes in adiposity in Spanish subjects at high cardiovascular risk. British Journal of Nutrition, 2013, 110, 337-346.	2.3	36
70	Effect of high-fat diet on lypolisis in isolated adipocytes from visceral and subcutaneous WAT. European Journal of Nutrition, 1999, 38, 177-182.	3.9	35
71	Energy restriction with high-fat diet enriched with coconut oil gives higher UCP1 and lower white fat in rats. International Journal of Obesity, 1998, 22, 974-979.	3.4	34
72	Differential effects of diets that provide different lipid sources on hepatic lipogenic activities in rats under ad libitum or restricted feeding. Nutrition, 2001, 17, 467-473.	2.4	34

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73	Effects of Pomegranate Seed Oil on Glucose and Lipid Metabolism-Related Organs in Rats Fed an Obesogenic Diet. Journal of Agricultural and Food Chemistry, 2013, 61, 5089-5096.	5.2	33
74	Are miRNA-103, miRNA-107 and miRNA-122 Involved in the Prevention of Liver Steatosis Induced by Resveratrol?. Nutrients, 2017, 9, 360.	4.1	33
75	Anti-obesity effects of resveratrol: comparison between animal models and humans. Journal of Physiology and Biochemistry, 2016, 73, 417-429.	3.0	32
76	High ambient temperature reverses hypothalamic MC4 receptor overexpression in an animal model of anorexia nervosa. Psychoneuroendocrinology, 2009, 34, 420-429.	2.7	30
77	Dietary glycemic index/load and peripheral adipokines and inflammatory markers in elderly subjects at high cardiovascular risk. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, 443-450.	2.6	30
78	Relationship between Changes in Microbiota and Liver Steatosis Induced by High-Fat Feedingâ€"A Review of Rodent Models. Nutrients, 2019, 11, 2156.	4.1	30
79	Anti-Obesity Effects of Microalgae. International Journal of Molecular Sciences, 2020, 21, 41.	4.1	30
80	trans-10,cis-12 Conjugated linoleic acid inhibits lipoprotein lipase but increases the activity of lipogenic enzymes in adipose tissue from hamsters fed an atherogenic diet. British Journal of Nutrition, 2006, 95, 1112-1119.	2.3	29
81	Effects of pterostilbene in brown adipose tissue from obese rats. Journal of Physiology and Biochemistry, 2016, 73, 457-464.	3.0	29
82	Combination of Capsaicin and Hesperidin Reduces the Effectiveness of Each Compound To Decrease the Adipocyte Size and To Induce Browning Features in Adipose Tissue of Western Diet Fed Rats. Journal of Agricultural and Food Chemistry, 2018, 66, 9679-9689.	5.2	29
83	A comparison between CLNA and CLA effects on body fat, serum parameters and liver composition. Journal of Physiology and Biochemistry, 2009, 65, 25-32.	3.0	28
84	Shifts in microbiota species and fermentation products in a dietary model enriched in fat and sucrose. Beneficial Microbes, 2015, 6, 97-111.	2.4	28
85	Limited beneficial effects of piceatannol supplementation on obesity complications in the obese Zucker rat: gut microbiota, metabolic, endocrine, and cardiac aspects. Journal of Physiology and Biochemistry, 2016, 72, 567-582.	3.0	28
86	Involvement of 5â€²-Activated Protein Kinase (AMPK) in the Effects of Resveratrol on Liver Steatosis. International Journal of Molecular Sciences, 2018, 19, 3473.	4.1	28
87	Metabolically healthy obesity and metabolically obese normal weight: a review. Journal of Physiology and Biochemistry, 2021, 77, 175-189.	3.0	28
88	Influence of different dietary fats on triacylglycerol deposition in rat adipose tissue. British Journal of Nutrition, 2000, 84, 756-774.	2.3	27
89	In vivo lipolysis in adipose tissue from two anatomical locations measured by microdialysis. Life Sciences, 2000, 67, 437-445.	4.3	26
90	Age-related changes in fatty acids from different adipose depots in rat and their association with adiposity and insulin. Nutrition, 2008, 24, 1013-1022.	2.4	26

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91	Hesperidin and capsaicin, but not the combination, prevent hepatic steatosis and other metabolic syndrome-related alterations in western diet-fed rats. Scientific Reports, 2018, 8, 15100.	3.3	26
92	Effects of Quercetin Metabolites on Triglyceride Metabolism of 3T3-L1 Preadipocytes and Mature Adipocytes. International Journal of Molecular Sciences, 2019, 20, 264.	4.1	26
93	trans-10,cis-12 Conjugated linoleic acid prevents adiposity but not insulin resistance induced by an atherogenic diet in hamstersâ˜†. Journal of Nutritional Biochemistry, 2006, 17, 126-131.	4.2	24
94	Effects of resveratrol and its derivative pterostilbene on brown adipose tissue thermogenic activation and on white adipose tissue browning process. Journal of Physiology and Biochemistry, 2020, 76, 269-278.	3.0	24
95	Current Knowledge on Beetroot Bioactive Compounds: Role of Nitrate and Betalains in Health and Disease. Foods, 2021, 10, 1314.	4.3	24
96	Variability in the Beneficial Effects of Phenolic Compounds: A Review. Nutrients, 2022, 14, 1925.	4.1	24
97	cisâ€9,transâ€11,cisâ€15 and cisâ€9,transâ€13,cisâ€15 CLNA Mixture Activates PPARÎ± in HEK293 and Reduces Triacylglycerols in 3T3â€L1 cells. Lipids, 2011, 46, 1005-1012.	1.7	23
98	Impact of intermittent hypoxia and exercise on blood pressure and metabolic features from obese subjects suffering sleep apnea-hypopnea syndrome. Journal of Physiology and Biochemistry, 2015, 71, 589-599.	3.0	23
99	Metabolic faecal fingerprinting of trans-resveratrol and quercetin following a high-fat sucrose dietary model using liquid chromatography coupled to high-resolution mass spectrometry. Food and Function, 2015, 6, 2758-2767.	4.6	23
100	Comparative Effects of Pterostilbene and Its Parent Compound Resveratrol on Oxidative Stress and Inflammation in Steatohepatitis Induced by High-Fat High-Fructose Feeding. Antioxidants, 2020, 9, 1042.	5.1	23
101	Characterization, Stability, and Bioaccessibility of Betalain and Phenolic Compounds from Opuntia stricta var. Dillenii Fruits and Products of Their Industrialization. Foods, 2021, 10, 1593.	4.3	23
102	Effects of Pterostilbene on Diabetes, Liver Steatosis and Serum Lipids. Current Medicinal Chemistry, 2020, 28, 238-252.	2.4	23
103	Body fat-lowering effect of conjugated linoleic acid is not due to increased lipolysis. Journal of Physiology and Biochemistry, 2005, 61, 363-369.	3.0	22
104	Effects of conjugated linoleic acid on skeletal muscle triacylglycerol metabolism in hamsters. Nutrition, 2006, 22, 528-533.	2.4	22
105	Epigenetic landscape in blood leukocytes following ketosis and weight loss induced by a very low calorie ketogenic diet (VLCKD) in patients with obesity. Clinical Nutrition, 2021, 40, 3959-3972.	5.0	22
106	Lipolysis induced by leptin in rat adipose tissue from different anatomical locations. European Journal of Nutrition, 2003, 42, 149-153.	3.9	21
107	Sibutramine Decreases Body Weight Gain and Increases Energy Expenditure in Obese Zucker Rats without Changes in NPY and Orexins. Nutritional Neuroscience, 2003, 6, 103-111.	3.1	21
108	Dehydroepiandrosterone prevents age-associated alterations, increasing insulin sensitivity. Journal of Nutritional Biochemistry, 2008, 19, 809-818.	4.2	21

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109	Immunomodulatory effect of a very-low-calorie ketogenic diet compared with bariatric surgery and a low-calorie diet in patients with excessive body weight. Clinical Nutrition, 2022, 41, 1566-1577.	5.0	21
110	Effects of trans-10, cis-12 conjugated linoleic acid on the expression of uncoupling proteins in hamsters fed an atherogenic diet. British Journal of Nutrition, 2007, 97, 1074-1082.	2.3	20
111	Novel equation to determine the hepatic triglyceride concentration in humans by MRI: diagnosis and monitoring of NAFLD in obese patients before and after bariatric surgery. BMC Medicine, 2014, 12, 137.	5.5	20
112	Pterostilbene Inhibits Lipogenic Activity similar to Resveratrol or Caffeine but Differently Modulates Lipolysis in Adipocytes. Phytotherapy Research, 2017, 31, 1273-1282.	5.8	20
113	The Effect of a Mediterranean Diet on the Incidence of Cataract Surgery. Nutrients, 2017, 9, 453.	4.1	20
114	Modifications induced by dietary lipid source in adipose tissue phospholipid fatty acids and their consequences in lipid mobilization. British Journal of Nutrition, 1999, 82, 319-327.	2.3	18
115	Pterostilbene Reduces Liver Steatosis and Modifies Hepatic Fatty Acid Profile in Obese Rats. Nutrients, 2019, 11, 961.	4.1	18
116	Risks Associated with the Use of Garcinia as a Nutritional Complement to Lose Weight. Nutrients, 2021, 13, 450.	4.1	18
117	Effects of trans-10,cis-12 conjugated linoleic acid on cholesterol metabolism in hypercholesterolaemic hamsters. European Journal of Nutrition, 2007, 46, 213-219.	3.9	17
118	Do the Effects of Resveratrol on Thermogenic and Oxidative Capacities in IBAT and Skeletal Muscle Depend on Feeding Conditions?. Nutrients, 2018, 10, 1446.	4.1	17
119	Anti-Obesity Effects of Macroalgae. Nutrients, 2020, 12, 2378.	4.1	17
120	Effect of a 7â€day treatment with idazoxan and its 2â€methoxy derivative RX 821001 on Î±₂â€adrenoceptors and nonâ€adrenoceptor idazoxan binding sites in rabbits. British Journal of Pharmacology, 1991, 104, 190-194.	5.4	16
121	Liver delipidating effect of a combination of resveratrol and quercetin in rats fed an obesogenic diet. Journal of Physiology and Biochemistry, 2015, 71, 569-576.	3.0	16
122	Preparation and Characterization of Resveratrol Loaded Pectin/Alginate Blend Gastro-Resistant Microparticles. Molecules, 2018, 23, 1886.	3.8	16
123	Interâ€Individual Variability in Insulin Response after Grape Pomace Supplementation in Subjects at High Cardiometabolic Risk: Role of Microbiota and miRNA. Molecular Nutrition and Food Research, 2021, 65, 2000113.	3.3	16
124	Effects of cisâ€9, transâ€11 and transâ€10, cisâ€12 CLA isomers on liver and adipose tissue fatty acid profile in hamsters. Lipids, 2006, 41, 993-1001.	1.7	15
125	Effects of trans-10, cis-12 conjugated linoleic acid on body fat and serum lipids in young and adult hamsters. Journal of Physiology and Biochemistry, 2006, 62, 81-87.	3.0	15
126	Effects of fluoxetine administration on hypothalamic melanocortin system in obese Zucker rats. Neuropeptides, 2008, 42, 293-299.	2.2	15

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127	The combination of resveratrol and conjugated linoleic acid is not useful in preventing obesity. Journal of Physiology and Biochemistry, 2011, 67, 471-477.	3.0	15
128	Effects of Restructured Pork ContainingHimanthalia elongataon Adipose Tissue Lipogenic and Lipolytic Enzyme Expression of Normo- and Hypercholesterolemic Rats. Journal of Nutrigenetics and Nutrigenomics, 2012, 5, 158-167.	1.3	15
129	Resveratrol Metabolites Are Able to Reduce Steatosis in Cultured Hepatocytes. Pharmaceuticals, 2020, 13, 285.	3.8	15
130	Gut Microbiota Induced by Pterostilbene and Resveratrol in High-Fat-High-Fructose Fed Rats: Putative Role in Steatohepatitis Onset. Nutrients, 2021, 13, 1738.	4.1	15
131	Role of chemerin in the control of glucose homeostasis. Molecular and Cellular Endocrinology, 2022, 541, 111504.	3.2	15
132	Glucose and insulin modify thrombospondin 1 expression and secretion in primary adipocytes from diet-induced obese rats. Journal of Physiology and Biochemistry, 2011, 67, 453-461.	3.0	14
133	Resveratrol does not increase body fat loss induced by energy restriction. Journal of Physiology and Biochemistry, 2014, 70, 639-646.	3.0	14
134	Potential renoprotective effects of piceatannol in ameliorating the early-stage nephropathy associated with obesity in obese Zucker rats. Journal of Physiology and Biochemistry, 2016, 72, 555-566.	3.0	14
135	Lack of Additive Effects of Resveratrol and Energy Restriction in the Treatment of Hepatic Steatosis in Rats. Nutrients, 2017, 9, 737.	4.1	14
136	Yerba Mate Stimulates Mitochondrial Biogenesis and Thermogenesis in Highâ€Fatâ€Dietâ€Induced Obese Mice. Molecular Nutrition and Food Research, 2018, 62, e1800142.	3.3	14
137	Identification and validation of common molecular targets of hydroxytyrosol. Food and Function, 2019, 10, 4897-4910.	4.6	14
138	Usefulness of Probiotics in the Management of NAFLD: Evidence and Involved Mechanisms of Action from Preclinical and Human Models. International Journal of Molecular Sciences, 2022, 23, 3167.	4.1	14
139	Anabolic Actions of a Mixed Î²-Adrenergic Agonist on Nitrogen Retention and Protein Turnover. Hormone and Metabolic Research, 1991, 23, 590-593.	1.5	13
140	Effects ofTrans-Fatty Acids on Liver Lipid Metabolism in Mice Fed on Diets Showing Different Fatty Acid Composition. Annals of Nutrition and Metabolism, 2013, 62, 242-249.	1.9	13
141	Dietary Phenolic Compounds Interfere with the Fate of Hydrogen Peroxide in Human Adipose Tissue but Do Not Directly Inhibit Primary Amine Oxidase Activity. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-15.	4.0	13
142	An energy restrictionâ€based weight loss intervention is able to reverse the effects of obesity on the expression of liver tumorâ€promoting genes. FASEB Journal, 2020, 34, 2312-2325.	0.5	13
143	An Overview of Adipose Tissue ACE2 Modulation by Diet and Obesity. Potential Implications in COVID-19 Infection and Severity. International Journal of Molecular Sciences, 2021, 22, 7975.	4.1	13
144	Desensitization effect of in vivo treatment with metaproterenol on Î²1, Î²2 and Î²3-adrenergic responsiveness in rat adipocytes. Life Sciences, 1995, 58, 405-414.	4.3	12

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145	Dietary fat source regulatesobgene expression in white adipose tissue of rats under hyperphagic feeding. British Journal of Nutrition, 2002, 87, 427-434.	2.3	12
146	Hepatomegaly Induced byTrans-10,cis-12 Conjugated Linoleic Acid in Adult Hamsters Fed an Atherogenic Diet Is Not Associated with Steatosis. Journal of the American College of Nutrition, 2009, 28, 43-49.	1.8	12
147	The combination of resveratrol and conjugated linoleic acid attenuates the individual effects of these molecules on triacylglycerol metabolism in adipose tissue. European Journal of Nutrition, 2014, 53, 575-582.	3.9	12
148	Involvement of autophagy in the beneficial effects of resveratrol in hepatic steatosis treatment. A comparison with energy restriction. Food and Function, 2018, 9, 4207-4215.	4.6	12
149	Pterostilbene modifies triglyceride metabolism in hepatic steatosis induced by high-fat high-fructose feeding: a comparison with its analog resveratrol. Food and Function, 2021, 12, 3266-3279.	4.6	12
150	Potential Application of Non-flavonoid Phenolics in Diabetes: Antiinflammatory Effects. Current Medicinal Chemistry, 2014, 22, 112-131.	2.4	12
151	Toluene alters appetite, NPY, and galanin immunostaining in the rat hypothalamus. Neurotoxicology and Teratology, 2004, 26, 195-200.	2.4	11
152	Comparative effects of energy restriction and resveratrol intake on glycemic control improvement. BioFactors, 2017, 43, 371-378.	5.4	11
153	Ultrasound-Assisted â€œGreenâ€•Extraction (UAE) of Antioxidant Compounds (Betalains and Phenolics) from Opuntia stricta var. Dileniiâ€™s Fruits: Optimization and Biological Activities. Antioxidants, 2021, 10, 1786.	5.1	11
154	Pressurized green liquid extraction of betalains and phenolic compounds from Opuntia stricta var. Dillenii whole fruit: Process optimization and biological activities of green extracts. Innovative Food Science and Emerging Technologies, 2022, 80, 103066.	5.6	11
155	Weak effect of trans-10, cis-12-conjugated linoleic acid on body fat accumulation in adult hamsters. British Journal of Nutrition, 2009, 102, 1583.	2.3	10
156	Potential Usefulness of a Wakame/Carob Functional Snack for the Treatment of Several Aspects of Metabolic Syndrome: From In Vitro to In Vivo Studies. Marine Drugs, 2018, 16, 512.	4.6	10
157	Effects of resveratrol and its analogue pterostilbene, on NOV/CCN3 adipokine in adipose tissue from rats fed a high-fat high-sucrose diet. Journal of Physiology and Biochemistry, 2019, 75, 275-283.	3.0	10
158	Imidazoline Binding Sites in Fat Cells. American Journal of Hypertension, 1992, 5, 72S-79S.	2.0	9
159	Expression of retinoic acid, triiodothyronine, and glucocorticoid hormone nuclear receptors is decreased in the liver of rats fed a hypercholesterolemia-inducing diet. Metabolism: Clinical and Experimental, 1998, 47, 301-308.	3.4	9
160	A multi-gene analysis strategy identifies metabolic pathways targeted by trans-10, cis-12-conjugated linoleic acid in the liver of hamsters. British Journal of Nutrition, 2009, 102, 537.	2.3	9
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