

MarÃ-a P. Portillo

List of Publications by Year in descending order

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203
papers

7,819
citations

53751

45
h-index

71651

76
g-index

207
all docs

207
docs citations

207
times ranked

10603
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. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 651-660.	1.9	372
2	Impact of Polyphenols and Polyphenol-Rich Dietary Sources on Gut Microbiota Composition. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 9517-9533.	2.4	306
3	Coexistence of three β -adrenoceptor subtypes in white fat cells of various mammalian species. <i>European Journal of Pharmacology</i> , 1991, 199, 291-301.	1.7	188
4	Dietary polyphenols as antidiabetic agents: Advances and opportunities. <i>Food Frontiers</i> , 2020, 1, 18-44.	3.7	182
5	Cohort Profile: Design and methods of the PREDIMED-Plus randomized trial. <i>International Journal of Epidemiology</i> , 2019, 48, 387-388o.	0.9	179
6	Resveratrol: Anti-Obesity Mechanisms of Action. <i>Molecules</i> , 2014, 19, 18632-18655.	1.7	152
7	Comparative effect of two Mediterranean diets versus a low-fat diet on glycaemic control in individuals with type 2 diabetes. <i>European Journal of Clinical Nutrition</i> , 2014, 68, 767-772.	1.3	151
8	Beneficial Effects of Quercetin on Obesity and Diabetes. <i>The Open Nutraceuticals Journal</i> , 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. <i>Nutrition and Diabetes</i> , 2017, 7, e262-e262.	1.5	142
10	Resveratrol attenuates steatosis in obese Zucker rats by decreasing fatty acid availability and reducing oxidative stress. <i>British Journal of Nutrition</i> , 2012, 107, 202-210.	1.2	137
11	Guide and Position of the International Society of Nutrigenetics/Nutrigenomics on Personalised Nutrition: Part 1 - Fields of Precision Nutrition. <i>Lifestyle Genomics</i> , 2016, 9, 12-27.	0.6	133
12	Conjugated linoleic acid isomers: Differences in metabolism and biological effects. <i>BioFactors</i> , 2009, 35, 105-111.	2.6	132
13	Regulation of glucose metabolism by bioactive phytochemicals for the management of type 2 diabetes mellitus. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 830-847.	5.4	123
14	Effects of resveratrol and other polyphenols in hepatic steatosis. <i>World Journal of Gastroenterology</i> , 2014, 20, 7366.	1.4	114
15	Resveratrol regulates lipolysis via adipose triglyceride lipase. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 379-384.	1.9	113
16	Thermogenesis is involved in the body-fat lowering effects of resveratrol in rats. <i>Food Chemistry</i> , 2013, 141, 1530-1535.	4.2	105
17	Effects of different doses of resveratrol on body fat and serum parameters in rats fed a hypercaloric diet. <i>Journal of Physiology and Biochemistry</i> , 2009, 65, 369-376.	1.3	103
18	Changes in white adipose tissue metabolism induced by resveratrol in rats. <i>Nutrition and Metabolism</i> , 2011, 8, 29.	1.3	103

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19	Usefulness of combining intermittent hypoxia and physical exercise in the treatment of obesity. <i>Journal of Physiology and Biochemistry</i> , 2012, 68, 289-304.	1.3	98
20	Olive oil feeding up-regulates uncoupling protein genes in rat brown adipose tissue and skeletal muscle. <i>American Journal of Clinical Nutrition</i> , 2002, 75, 213-220.	2.2	95
21	Key Aspects in Nutritional Management of COVID-19 Patients. <i>Journal of Clinical Medicine</i> , 2020, 9, 2589.	1.0	93
22	Effects of the whole seed and a protein isolate of faba bean (<i>Vicia faba</i>) on the cholesterol metabolism of hypercholesterolaemic rats. <i>British Journal of Nutrition</i> , 2001, 85, 607-614.	1.2	92
23	Expanding role for the apelin/APJ system in physiopathology. <i>Journal of Physiology and Biochemistry</i> , 2007, 63, 358-373.	1.3	92
24	Pterostilbene-induced changes in gut microbiota composition in relation to obesity. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1500906.	1.5	88
25	Hepatic lipid metabolic pathways modified by resveratrol in rats fed an obesogenic diet. <i>Nutrition</i> , 2013, 29, 562-567.	1.1	87
26	Dietary inflammatory index and all-cause mortality in large cohorts: The SUN and PREDIMED studies. <i>Clinical Nutrition</i> , 2019, 38, 1221-1231.	2.3	87
27	Delipidating effect of resveratrol metabolites in 3T1-L1 adipocytes. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 1559-1568.	1.5	86
28	Role of Omentin, Vaspin, Cardiotrophin-1, TWEAK and NOV/CCN3 in Obesity and Diabetes Development. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1770.	1.8	81
29	Distribution of Resveratrol Metabolites in Liver, Adipose Tissue, and Skeletal Muscle in Rats Fed Different Doses of This Polyphenol. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 4833-4840.	2.4	80
30	Anti-Inflammatory Effects of the Mediterranean Diet in the Early and Late Stages of Atheroma Plaque Development. <i>Mediators of Inflammation</i> , 2017, 2017, 1-12.	1.4	78
31	Lifestyles and Risk Factors Associated with Adherence to the Mediterranean Diet: A Baseline Assessment of the PREDIMED Trial. <i>PLoS ONE</i> , 2013, 8, e60166.	1.1	77
32	High-Throughput Sequencing of microRNAs in Peripheral Blood Mononuclear Cells: Identification of Potential Weight Loss Biomarkers. <i>PLoS ONE</i> , 2013, 8, e54319.	1.1	73
33	Effects of resveratrol on obesity-related inflammation markers in adipose tissue of genetically obese rats. <i>Nutrition</i> , 2013, 29, 1374-1380.	1.1	66
34	A combination of resveratrol and quercetin induces browning in white adipose tissue of rats fed an obesogenic diet. <i>Obesity</i> , 2017, 25, 111-121.	1.5	62
35	Phenolic compounds apigenin, hesperidin and kaempferol reduce in vitro lipid accumulation in human adipocytes. <i>Journal of Translational Medicine</i> , 2017, 15, 237.	1.8	62
36	Dietary Inflammatory Index and liver status in subjects with different adiposity levels within the PREDIMED trial. <i>Clinical Nutrition</i> , 2018, 37, 1736-1743.	2.3	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. <i>Journal of Nutrition</i> , 2019, 149, 1920-1929.	1.3	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. <i>Cardiovascular Diabetology</i> , 2013, 12, 7.	2.7	58
39	Resveratrol Metabolites Modify Adipokine Expression and Secretion in 3T3-L1 Pre-Adipocytes and Mature Adipocytes. <i>PLoS ONE</i> , 2013, 8, e63918.	1.1	58
40	Quercetin can reduce insulin resistance without decreasing adipose tissue and skeletal muscle fat accumulation. <i>Genes and Nutrition</i> , 2014, 9, 361.	1.2	58
41	Pterostilbene, a Dimethyl Ether Derivative of Resveratrol, Reduces Fat Accumulation in Rats Fed an Obesogenic Diet. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 8371-8378.	2.4	54
42	Screening of potential anti-adipogenic effects of phenolic compounds showing different chemical structure in 3T3-L1 preadipocytes. <i>Food and Function</i> , 2017, 8, 3576-3586.	2.1	54
43	Circulating miRNAs as Biomarkers of Obesity and Obesity-Associated Comorbidities in Children and Adolescents: A Systematic Review. <i>Nutrients</i> , 2019, 11, 2890.	1.7	54
44	Effects of conjugated linoleic acid on liver composition and fatty acid oxidation are isomer-dependent in hamster. <i>Nutrition</i> , 2005, 21, 512-519.	1.1	49
45	The combination of resveratrol and quercetin enhances the individual effects of these molecules on triacylglycerol metabolism in white adipose tissue. <i>European Journal of Nutrition</i> , 2016, 55, 341-348.	1.8	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). <i>Nutrients</i> , 2017, 9, 452.	1.7	48
47	Effects of resveratrol on changes induced by high-fat feeding on clock genes in rats. <i>British Journal of Nutrition</i> , 2013, 110, 1421-1428.	1.2	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. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-11.	1.9	45
49	Scientific Evidence Supporting the Beneficial Effects of Isoflavones on Human Health. <i>Nutrients</i> , 2020, 12, 3853.	1.7	45
50	The role of dietary fat in adipose tissue metabolism. <i>Public Health Nutrition</i> , 2007, 10, 1126-1131.	1.1	44
51	Effects of conjugated linoleic acid on body fat accumulation and serum lipids in hamsters fed an atherogenic diet. <i>Journal of Physiology and Biochemistry</i> , 2003, 59, 193-199.	1.3	43
52	Fatty acid synthase methylation levels in adipose tissue: effects of an obesogenic diet and phenol compounds. <i>Genes and Nutrition</i> , 2014, 9, 411.	1.2	43
53	MicroRNAs involved in the browning process of adipocytes. <i>Journal of Physiology and Biochemistry</i> , 2016, 72, 509-521.	1.3	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. <i>Pharmacological Research</i> , 2010, 61, 355-363.	3.1	42

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55	Potential miRNA involvement in the anti-adipogenic effect of resveratrol and its metabolites. <i>PLoS ONE</i> , 2017, 12, e0184875.	1.1	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. <i>Nutrients</i> , 2019, 11, 2368.	1.7	40
57	Association of lifestyle factors and inflammation with sarcopenic obesity: data from the PREDIMED+ trial. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 974-984.	2.9	40
58	Expanding role for the apelin/APJ system in physiopathology. <i>Journal of Physiology and Biochemistry</i> , 2007, 63, 359-73.	1.3	40
59	Pterostilbene improves glycaemic control in rats fed an obesogenic diet: involvement of skeletal muscle and liver. <i>Food and Function</i> , 2015, 6, 1968-1976.	2.1	39
60	Involvement of miR-539-5p in the inhibition of de novo lipogenesis induced by resveratrol in white adipose tissue. <i>Food and Function</i> , 2016, 7, 1680-1688.	2.1	39
61	Several statins increase body and liver fat accumulation in a model of metabolic syndrome. <i>Journal of Physiology and Pharmacology</i> , 2013, 64, 281-8.	1.1	39
62	Lipid and Glucose Utilization in Hypercholesterolemic Rats Fed a Diet Containing Heated Chickpea (<i>Cicer Aretinum</i> L.): A Potential Functional Food. <i>International Journal for Vitamin and Nutrition Research</i> , 1999, 69, 403-411.	0.6	38
63	Thetrans-10,cis-12 isomer of conjugated linoleic acid reduces hepatic triacylglycerol content without affecting lipogenic enzymes in hamsters. <i>British Journal of Nutrition</i> , 2004, 92, 383-389.	1.2	38
64	Antiobesity effects of resveratrol: which tissues are involved?. <i>Annals of the New York Academy of Sciences</i> , 2017, 1403, 118-131.	1.8	38
65	Food-Based Dietary Guidelines around the World: A Comparative Analysis to Update AESAN Scientific Committee Dietary Recommendations. <i>Nutrients</i> , 2021, 13, 3131.	1.7	38
66	Effects of Fluoxetine Administration on Neuropeptide Y and Orexins in Obese Zucker Rat Hypothalamus. <i>Obesity</i> , 2002, 10, 532-540.	4.0	37
67	Influence of dietary macronutrient composition on adiposity and cellularity of different fat depots in Wistar rats. <i>Journal of Physiology and Biochemistry</i> , 2009, 65, 387-395.	1.3	37
68	The body fat-lowering effect of conjugated linoleic acid: a comparison between animal and human studies. <i>Journal of Physiology and Biochemistry</i> , 2006, 62, 137-147.	1.3	36
69	Changes in bread consumption and 4-year changes in adiposity in Spanish subjects at high cardiovascular risk. <i>British Journal of Nutrition</i> , 2013, 110, 337-346.	1.2	36
70	Effect of high-fat diet on lipolysis in isolated adipocytes from visceral and subcutaneous WAT. <i>European Journal of Nutrition</i> , 1999, 38, 177-182.	1.8	35
71	Energy restriction with high-fat diet enriched with coconut oil gives higher UCP1 and lower white fat in rats. <i>International Journal of Obesity</i> , 1998, 22, 974-979.	1.6	34
72	Differential effects of diets that provide different lipid sources on hepatic lipogenic activities in rats under ad libitum or restricted feeding. <i>Nutrition</i> , 2001, 17, 467-473.	1.1	34

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73	Effects of Pomegranate Seed Oil on Glucose and Lipid Metabolism-Related Organs in Rats Fed an Obesogenic Diet. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 5089-5096.	2.4	33
74	Are miRNA-103, miRNA-107 and miRNA-122 Involved in the Prevention of Liver Steatosis Induced by Resveratrol?. <i>Nutrients</i> , 2017, 9, 360.	1.7	33
75	Anti-obesity effects of resveratrol: comparison between animal models and humans. <i>Journal of Physiology and Biochemistry</i> , 2016, 73, 417-429.	1.3	32
76	High ambient temperature reverses hypothalamic MC4 receptor overexpression in an animal model of anorexia nervosa. <i>Psychoneuroendocrinology</i> , 2009, 34, 420-429.	1.3	30
77	Dietary glycemic index/load and peripheral adipokines and inflammatory markers in elderly subjects at high cardiovascular risk. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013, 23, 443-450.	1.1	30
78	Relationship between Changes in Microbiota and Liver Steatosis Induced by High-Fat Feeding—A Review of Rodent Models. <i>Nutrients</i> , 2019, 11, 2156.	1.7	30
79	Anti-Obesity Effects of Microalgae. <i>International Journal of Molecular Sciences</i> , 2020, 21, 41.	1.8	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. <i>British Journal of Nutrition</i> , 2006, 95, 1112-1119.	1.2	29
81	Effects of pterostilbene in brown adipose tissue from obese rats. <i>Journal of Physiology and Biochemistry</i> , 2016, 73, 457-464.	1.3	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. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 9679-9689.	2.4	29
83	A comparison between CLNA and CLA effects on body fat, serum parameters and liver composition. <i>Journal of Physiology and Biochemistry</i> , 2009, 65, 25-32.	1.3	28
84	Shifts in microbiota species and fermentation products in a dietary model enriched in fat and sucrose. <i>Beneficial Microbes</i> , 2015, 6, 97-111.	1.0	28
85	Limited beneficial effects of piceatannol supplementation on obesity complications in the obese Zucker rat: gut microbiota, metabolic, endocrine, and cardiac aspects. <i>Journal of Physiology and Biochemistry</i> , 2016, 72, 567-582.	1.3	28
86	Involvement of 5 α -Activated Protein Kinase (AMPK) in the Effects of Resveratrol on Liver Steatosis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3473.	1.8	28
87	Metabolically healthy obesity and metabolically obese normal weight: a review. <i>Journal of Physiology and Biochemistry</i> , 2021, 77, 175-189.	1.3	28
88	Influence of different dietary fats on triacylglycerol deposition in rat adipose tissue. <i>British Journal of Nutrition</i> , 2000, 84, 756-774.	1.2	27
89	In vivo lipolysis in adipose tissue from two anatomical locations measured by microdialysis. <i>Life Sciences</i> , 2000, 67, 437-445.	2.0	26
90	Age-related changes in fatty acids from different adipose depots in rat and their association with adiposity and insulin. <i>Nutrition</i> , 2008, 24, 1013-1022.	1.1	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. <i>Scientific Reports</i> , 2018, 8, 15100.	1.6	26
92	Effects of Quercetin Metabolites on Triglyceride Metabolism of 3T3-L1 Preadipocytes and Mature Adipocytes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 264.	1.8	26
93	trans-10,cis-12 Conjugated linoleic acid prevents adiposity but not insulin resistance induced by an atherogenic diet in hamsters. <i>Journal of Nutritional Biochemistry</i> , 2006, 17, 126-131.	1.9	24
94	Effects of resveratrol and its derivative pterostilbene on brown adipose tissue thermogenic activation and on white adipose tissue browning process. <i>Journal of Physiology and Biochemistry</i> , 2020, 76, 269-278.	1.3	24
95	Current Knowledge on Beetroot Bioactive Compounds: Role of Nitrate and Betalains in Health and Disease. <i>Foods</i> , 2021, 10, 1314.	1.9	24
96	Variability in the Beneficial Effects of Phenolic Compounds: A Review. <i>Nutrients</i> , 2022, 14, 1925.	1.7	24
97	cis-9,trans-11,cis-15 and cis-9,trans-13,cis-15 CLNA Mixture Activates PPAR α in HEK293 and Reduces Triacylglycerols in 3T3-L1 cells. <i>Lipids</i> , 2011, 46, 1005-1012.	0.7	23
98	Impact of intermittent hypoxia and exercise on blood pressure and metabolic features from obese subjects suffering sleep apnea-hypopnea syndrome. <i>Journal of Physiology and Biochemistry</i> , 2015, 71, 589-599.	1.3	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. <i>Food and Function</i> , 2015, 6, 2758-2767.	2.1	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. <i>Antioxidants</i> , 2020, 9, 1042.	2.2	23
101	Characterization, Stability, and Bioaccessibility of Betalain and Phenolic Compounds from <i>Opuntia stricta</i> var. <i>Dillenii</i> Fruits and Products of Their Industrialization. <i>Foods</i> , 2021, 10, 1593.	1.9	23
102	Effects of Pterostilbene on Diabetes, Liver Steatosis and Serum Lipids. <i>Current Medicinal Chemistry</i> , 2020, 28, 238-252.	1.2	23
103	Body fat-lowering effect of conjugated linoleic acid is not due to increased lipolysis. <i>Journal of Physiology and Biochemistry</i> , 2005, 61, 363-369.	1.3	22
104	Effects of conjugated linoleic acid on skeletal muscle triacylglycerol metabolism in hamsters. <i>Nutrition</i> , 2006, 22, 528-533.	1.1	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. <i>Clinical Nutrition</i> , 2021, 40, 3959-3972.	2.3	22
106	Lipolysis induced by leptin in rat adipose tissue from different anatomical locations. <i>European Journal of Nutrition</i> , 2003, 42, 149-153.	1.8	21
107	Sibutramine Decreases Body Weight Gain and Increases Energy Expenditure in Obese Zucker Rats without Changes in NPY and Orexins. <i>Nutritional Neuroscience</i> , 2003, 6, 103-111.	1.5	21
108	Dehydroepiandrosterone prevents age-associated alterations, increasing insulin sensitivity. <i>Journal of Nutritional Biochemistry</i> , 2008, 19, 809-818.	1.9	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. <i>Clinical Nutrition</i> , 2022, 41, 1566-1577.	2.3	21
110	Effects of trans-10, cis-12 conjugated linoleic acid on the expression of uncoupling proteins in hamsters fed an atherogenic diet. <i>British Journal of Nutrition</i> , 2007, 97, 1074-1082.	1.2	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. <i>BMC Medicine</i> , 2014, 12, 137.	2.3	20
112	Pterostilbene Inhibits Lipogenic Activity similar to Resveratrol or Caffeine but Differently Modulates Lipolysis in Adipocytes. <i>Phytotherapy Research</i> , 2017, 31, 1273-1282.	2.8	20
113	The Effect of a Mediterranean Diet on the Incidence of Cataract Surgery. <i>Nutrients</i> , 2017, 9, 453.	1.7	20
114	Modifications induced by dietary lipid source in adipose tissue phospholipid fatty acids and their consequences in lipid mobilization. <i>British Journal of Nutrition</i> , 1999, 82, 319-327.	1.2	18
115	Pterostilbene Reduces Liver Steatosis and Modifies Hepatic Fatty Acid Profile in Obese Rats. <i>Nutrients</i> , 2019, 11, 961.	1.7	18
116	Risks Associated with the Use of Garcinia as a Nutritional Complement to Lose Weight. <i>Nutrients</i> , 2021, 13, 450.	1.7	18
117	Effects of trans-10,cis-12 conjugated linoleic acid on cholesterol metabolism in hypercholesterolaemic hamsters. <i>European Journal of Nutrition</i> , 2007, 46, 213-219.	1.8	17
118	Do the Effects of Resveratrol on Thermogenic and Oxidative Capacities in IBAT and Skeletal Muscle Depend on Feeding Conditions?. <i>Nutrients</i> , 2018, 10, 1446.	1.7	17
119	Anti-Obesity Effects of Macroalgae. <i>Nutrients</i> , 2020, 12, 2378.	1.7	17
120	Effect of a 7-day treatment with idazoxan and its 2-methoxy derivative RX 821001 on α_2 -adrenoceptors and non-adrenoceptor idazoxan binding sites in rabbits. <i>British Journal of Pharmacology</i> , 1991, 104, 190-194.	2.7	16
121	Liver delipidating effect of a combination of resveratrol and quercetin in rats fed an obesogenic diet. <i>Journal of Physiology and Biochemistry</i> , 2015, 71, 569-576.	1.3	16
122	Preparation and Characterization of Resveratrol Loaded Pectin/Alginate Blend Gastro-Resistant Microparticles. <i>Molecules</i> , 2018, 23, 1886.	1.7	16
123	Inter-individual Variability in Insulin Response after Grape Pomace Supplementation in Subjects at High Cardiometabolic Risk: Role of Microbiota and miRNA. <i>Molecular Nutrition and Food Research</i> , 2021, 65, 2000113.	1.5	16
124	Effects of cis-9, trans-11 and trans-10, cis-12 CLA isomers on liver and adipose tissue fatty acid profile in hamsters. <i>Lipids</i> , 2006, 41, 993-1001.	0.7	15
125	Effects of trans-10, cis-12 conjugated linoleic acid on body fat and serum lipids in young and adult hamsters. <i>Journal of Physiology and Biochemistry</i> , 2006, 62, 81-87.	1.3	15
126	Effects of fluoxetine administration on hypothalamic melanocortin system in obese Zucker rats. <i>Neuropeptides</i> , 2008, 42, 293-299.	0.9	15

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127	The combination of resveratrol and conjugated linoleic acid is not useful in preventing obesity. <i>Journal of Physiology and Biochemistry</i> , 2011, 67, 471-477.	1.3	15
128	Effects of Restructured Pork Containing Himanthalia elongata on Adipose Tissue Lipogenic and Lipolytic Enzyme Expression of Normo- and Hypercholesterolemic Rats. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2012, 5, 158-167.	1.8	15
129	Resveratrol Metabolites Are Able to Reduce Steatosis in Cultured Hepatocytes. <i>Pharmaceuticals</i> , 2020, 13, 285.	1.7	15
130	Gut Microbiota Induced by Pterostilbene and Resveratrol in High-Fat-High-Fructose Fed Rats: Putative Role in Steatohepatitis Onset. <i>Nutrients</i> , 2021, 13, 1738.	1.7	15
131	Role of chemerin in the control of glucose homeostasis. <i>Molecular and Cellular Endocrinology</i> , 2022, 541, 111504.	1.6	15
132	Glucose and insulin modify thrombospondin 1 expression and secretion in primary adipocytes from diet-induced obese rats. <i>Journal of Physiology and Biochemistry</i> , 2011, 67, 453-461.	1.3	14
133	Resveratrol does not increase body fat loss induced by energy restriction. <i>Journal of Physiology and Biochemistry</i> , 2014, 70, 639-646.	1.3	14
134	Potential renoprotective effects of piceatannol in ameliorating the early-stage nephropathy associated with obesity in obese Zucker rats. <i>Journal of Physiology and Biochemistry</i> , 2016, 72, 555-566.	1.3	14
135	Lack of Additive Effects of Resveratrol and Energy Restriction in the Treatment of Hepatic Steatosis in Rats. <i>Nutrients</i> , 2017, 9, 737.	1.7	14
136	Yerba Mate Stimulates Mitochondrial Biogenesis and Thermogenesis in High-Fat-Diet-Induced Obese Mice. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800142.	1.5	14
137	Identification and validation of common molecular targets of hydroxytyrosol. <i>Food and Function</i> , 2019, 10, 4897-4910.	2.1	14
138	Usefulness of Probiotics in the Management of NAFLD: Evidence and Involved Mechanisms of Action from Preclinical and Human Models. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3167.	1.8	14
139	Anabolic Actions of a Mixed β^2 -Adrenergic Agonist on Nitrogen Retention and Protein Turnover. <i>Hormone and Metabolic Research</i> , 1991, 23, 590-593.	0.7	13
140	Effects of Trans-Fatty Acids on Liver Lipid Metabolism in Mice Fed on Diets Showing Different Fatty Acid Composition. <i>Annals of Nutrition and Metabolism</i> , 2013, 62, 242-249.	1.0	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. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-15.	1.9	13
142	An energy restriction-based weight loss intervention is able to reverse the effects of obesity on the expression of liver tumor-promoting genes. <i>FASEB Journal</i> , 2020, 34, 2312-2325.	0.2	13
143	An Overview of Adipose Tissue ACE2 Modulation by Diet and Obesity. Potential Implications in COVID-19 Infection and Severity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7975.	1.8	13
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