Mara-Luz Fernndez

List of Publications by Year in Descending Order

187 papers	7,444 citations	48 h-index	76 g-index
195 ext. papers	8,304 ext. citations	4.9 avg, IF	6.15 L-index

#	Paper	IF	Citations
187	Fruit juice and childhood obesity: a review of epidemiologic studies.. *Critical Reviews in Food Science and Nutrition*, **2022**, 1-15	11.5	
186	Comparison between Egg Intake versus Choline Supplementation on Gut Microbiota and Plasma Carotenoids in Subjects with Metabolic Syndrome.. *Nutrients*, **2022**, 14,	6.7	2
185	Eggs Improve Plasma Biomarkers in Patients with Metabolic Syndrome following a Plant-Based Diet: A Randomized Crossover Study. *Nutrients*, **2022**, 14, 2138	6.7	0
184	Is There a Correlation between Dietary and Blood Cholesterol? Evidence from Epidemiological Data and Clinical Interventions. *Nutrients*, **2022**, 14, 2168	6.7	0
183	Plant-based diets and metabolic syndrome: Evaluating the influence of diet quality. *Journal of Agriculture and Food Research*, **2022**, 9, 100322	2.6	2
182	Highlights of Current Dietary Guidelines in Five Continents. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	15
181	Improvements in antioxidant status after agraz consumption was associated to reductions in cardiovascular risk factors in women with metabolic syndrome. *CYTA - Journal of Food*, **2021**, 19, 238-246	2.3	0
180	Trimethylamine N-Oxide (TMAO), Diet and Cardiovascular Disease. *Current Atherosclerosis Reports*, **2021**, 23, 12	6	11
179	The responses of different dosages of egg consumption on blood lipid profile: An updated systematic review and meta-analysis of randomized clinical trials. *Journal of Food Biochemistry*, **2020**, 44, e13263	3.3	3
178	Comparative Evaluation of the Effects of Consumption of Colombian Agraz (Swartz) on Insulin Resistance, Antioxidant Capacity, and Markers of Oxidation and Inflammation, Between Men and Women with Metabolic Syndrome. *BioResearch Open Access*, **2020**, 9, 247-254	2.4	1
177	Choline Intake as Supplement or as a Component of Eggs Increases Plasma Choline and Reduces Interleukin-6 without Modifying Plasma Cholesterol in Participants with Metabolic Syndrome. *Nutrients*, **2020**, 12,	6.7	5
176	The Positive Association of Plasma Myristic Acid and Apolipoprotein CIII Concentrations. *Journal of Nutrition*, **2020**, 150, 2613-2614	4.1	
175	Small HDL Particles Are Associated with Gestational Diabetes, Providing a Potential Early Identification Tool. *Journal of Nutrition*, **2020**, 150, 8-9	4.1	1
174	Zeaxanthin: Metabolism, Properties, and Antioxidant Protection of Eyes, Heart, Liver, and Skin. *Antioxidants*, **2019**, 8,	7.1	29
173	Association of eggs with dietary nutrient adequacy and cardiovascular risk factors in US adults. *Public Health Nutrition*, **2019**, 22, 2033-2042	3.3	6
172	Plant-Based Diet Quality is Associated with Changes in Plasma Adiposity Biomarker Concentrations in Women. *Journal of Nutrition*, **2019**, 149, 551-552	4.1	0
171	Differences in response to egg-derived dietary cholesterol result in distinct lipoprotein profiles while plasma concentrations of carotenoids and choline are not affected in a young healthy population. *Journal of Agriculture and Food Research*, **2019**, 1, 100014	2.6	2

170	Compared to an Oatmeal Breakfast, Two Eggs/Day Increased Plasma Carotenoids and Choline without Increasing Trimethyl Amine N-Oxide Concentrations. *Journal of the American College of Nutrition*, **2018**, 37, 140-148	3.5	27
169	Intake of 3 Eggs per Day When Compared to a Choline Bitartrate Supplement, Downregulates Cholesterol Synthesis without Changing the LDL/HDL Ratio. *Nutrients*, **2018**, 10,	6.7	27
168	Dietary Cholesterol, Serum Lipids, and Heart Disease: Are Eggs Working for or Against You?. *Nutrients*, **2018**, 10,	6.7	46
167	Taste phenotype associates with cardiovascular disease risk factors via diet quality in multivariate modeling. *Physiology and Behavior*, **2018**, 194, 103-112	3.5	24
166	Effects of Freeze-Dried Grape Powder on High-Density Lipoprotein Function in Adults with Metabolic Syndrome: A Randomized Controlled Pilot Study. *Metabolic Syndrome and Related Disorders*, **2018**, 16, 464-469	2.6	8
165	Effect of Agraz (Swartz) on High-Density Lipoprotein Function and Inflammation in Women with Metabolic Syndrome. *Antioxidants*, **2018**, 7,	7.1	9
164	Evaluation of Agraz Consumption on Adipocytokines, Inflammation, and Oxidative Stress Markers in Women with Metabolic Syndrome. *Nutrients*, **2018**, 10,	6.7	15
163	Effects of Egg Consumption and Choline Supplementation on Plasma Choline and Trimethylamine-N-Oxide in a Young Population. *Journal of the American College of Nutrition*, **2018**, 37, 716-723	3.5	21
162	Intake of up to 3 Eggs per Day Is Associated with Changes in HDL Function and Increased Plasma Antioxidants in Healthy, Young Adults. *Journal of Nutrition*, **2017**, 147, 323-329	4.1	39
161	Intake of up to 3 Eggs/Day Increases HDL Cholesterol and Plasma Choline While Plasma Trimethylamine-N-oxide is Unchanged in a Healthy Population. *Lipids*, **2017**, 52, 255-263	1.6	57
160	Consuming Two Eggs per Day, as Compared to an Oatmeal Breakfast, Decreases Plasma Ghrelin while Maintaining the LDL/HDL Ratio. *Nutrients*, **2017**, 9,	6.7	28
159	Nutrition Facts Panel use is associated with diet quality and dietary patterns among Latinos with type 2 diabetes. *Public Health Nutrition*, **2017**, 20, 2909-2919	3.3	4
158	Dairy, Yogurt, and Cardiovascular Health **2017**, 475-489		
157	Bioactive Components in Moringa Oleifera Leaves Protect against Chronic Disease. *Antioxidants*, **2017**, 6,	7.1	152
156	Moringa Leaves Prevent Hepatic Lipid Accumulation and Inflammation in Guinea Pigs by Reducing the Expression of Genes Involved in Lipid Metabolism. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	26
155	Potential of Dietary Non-Provitamin A Carotenoids in the Prevention and Treatment of Diabetic Microvascular Complications. *Advances in Nutrition*, **2016**, 7, 14-24	10	46
154	Dairy Consumption Lowers Systemic Inflammation and Liver Enzymes in Typically Low-Dairy Consumers with Clinical Characteristics of Metabolic Syndrome. *Journal of the American College of Nutrition*, **2016**, 35, 255-61	3.5	29
153	The Potential of Non-Provitamin A Carotenoids for the Prevention and Treatment of Non-Alcoholic Fatty Liver Disease. *Biology*, **2016**, 5,	4.9	23

152	Postmenopausal Women Have Higher HDL and Decreased Incidence of Low HDL than Premenopausal Women with Metabolic Syndrome. *Healthcare (Switzerland)*, **2016**, 4,	3.4	13
151	Compared with Powdered Lutein, a Lutein Nanoemulsion Increases Plasma and Liver Lutein, Protects against Hepatic Steatosis, and Affects Lipoprotein Metabolism in Guinea Pigs. *Journal of Nutrition*, **2016**, 146, 1961-1969	4.1	26
150	The Mediterranean Diet Versus a Low-Fat Diet, Cardiovascular Risk Factors, and Obesity **2015**, 357-365		
149	A Larger Body Mass Index is Associated with Increased Atherogenic Dyslipidemia, Insulin Resistance, and Low-Grade Inflammation in Individuals with Metabolic Syndrome. *Metabolic Syndrome and Related Disorders*, **2015**, 13, 458-64	2.6	23
148	The Regulation of Reverse Cholesterol Transport and Cellular Cholesterol Homeostasis by MicroRNAs. *Biology*, **2015**, 4, 494-511	4.9	27
147	One Egg per Day Improves Inflammation when Compared to an Oatmeal-Based Breakfast without Increasing Other Cardiometabolic Risk Factors in Diabetic Patients. *Nutrients*, **2015**, 7, 3449-63	6.7	43
146	Increased dairy consumption differentially improves metabolic syndrome markers in male and female adults. *Metabolic Syndrome and Related Disorders*, **2014**, 12, 62-9	2.6	32
145	Hypercholesterolemia induces adipose dysfunction in conditions of obesity and nonobesity. *Advances in Nutrition*, **2014**, 5, 497-502	10	38
144	Dietary carotenoids are associated with cardiovascular disease risk biomarkers mediated by serum carotenoid concentrations. *Journal of Nutrition*, **2014**, 144, 1067-74	4.1	60
143	Egg intake during carbohydrate restriction alters peripheral blood mononuclear cell inflammation and cholesterol homeostasis in metabolic syndrome. *Nutrients*, **2014**, 6, 2650-67	6.7	21
142	Cholesterol-induced inflammation and macrophage accumulation in adipose tissue is reduced by a low carbohydrate diet in guinea pigs. *Nutrition Research and Practice*, **2014**, 8, 625-31	2.1	5
141	Effects of dietary cholesterol in diabetes and cardiovascular disease. *Clinical Lipidology*, **2014**, 9, 607-616		5
140	Coronary heart disease risk factors in college students. *Advances in Nutrition*, **2014**, 5, 177-87	10	40
139	Effects of dairy on metabolic syndrome parameters: a review. *Yale Journal of Biology and Medicine*, **2014**, 87, 135-47	2.4	28
138	Effects of carbohydrate restriction and dietary cholesterol provided by eggs on clinical risk factors in metabolic syndrome. *Journal of Clinical Lipidology*, **2013**, 7, 463-71	4.9	54
137	Dietary approaches to improving atheroprotective HDL functions. *Food and Function*, **2013**, 4, 1304-13	6.1	27
136	Egg intake improves carotenoid status by increasing plasma HDL cholesterol in adults with metabolic syndrome. *Food and Function*, **2013**, 4, 213-21	6.1	58
135	Whole egg consumption improves lipoprotein profiles and insulin sensitivity to a greater extent than yolk-free egg substitute in individuals with metabolic syndrome. *Metabolism: Clinical and Experimental*, **2013**, 62, 400-10	12.7	95

134	Egg consumption modulates HDL lipid composition and increases the cholesterol-accepting capacity of serum in metabolic syndrome. *Lipids*, **2013**, 48, 557-67	1.6	68
133	Dietary strategies to reduce metabolic syndrome. *Reviews in Endocrine and Metabolic Disorders*, **2013**, 14, 241-54	10.5	98
132	The food matrix and sterol characteristics affect the plasma cholesterol lowering of phytosterol/phytostanol. *Advances in Nutrition*, **2013**, 4, 633-43	10	30
131	A Mediterranean-style low-glycemic-load diet increases plasma carotenoids and decreases LDL oxidation in women with metabolic syndrome. *Journal of Nutritional Biochemistry*, **2012**, 23, 609-15	6.3	27
130	A Mediterranean-style, low-glycemic-load diet decreases atherogenic lipoproteins and reduces lipoprotein (a) and oxidized low-density lipoprotein in women with metabolic syndrome. *Metabolism: Clinical and Experimental*, **2012**, 61, 366-72	12.7	45
129	Dietary cholesterol affects plasma lipid levels, the intravascular processing of lipoproteins and reverse cholesterol transport without increasing the risk for heart disease. *Nutrients*, **2012**, 4, 1015-25	6.7	18
128	Lutein decreases oxidative stress and inflammation in liver and eyes of guinea pigs fed a hypercholesterolemic diet. *Nutrition Research and Practice*, **2012**, 6, 113-9	2.1	66
127	Exploring the factors that affect blood cholesterol and heart disease risk: is dietary cholesterol as bad for you as history leads us to believe?. *Advances in Nutrition*, **2012**, 3, 711-7	10	48
126	Grape polyphenols reduce blood pressure and increase flow-mediated vasodilation in men with metabolic syndrome. *Journal of Nutrition*, **2012**, 142, 1626-32	4.1	107
125	Grape consumption increases anti-inflammatory markers and upregulates peripheral nitric oxide synthase in the absence of dyslipidemias in men with metabolic syndrome. *Nutrients*, **2012**, 4, 1945-57	6.7	35
124	Effects of increased dietary cholesterol with carbohydrate restriction on hepatic lipid metabolism in Guinea pigs. *Comparative Medicine*, **2012**, 62, 109-15	1.6	16
123	A Mediterranean-style low-glycemic-load diet improves variables of metabolic syndrome in women, and addition of a phytochemical-rich medical food enhances benefits on lipoprotein metabolism. *Journal of Clinical Lipidology*, **2011**, 5, 188-196	4.9	45
122	Eggs and health benefits. *Canadian Journal of Cardiology*, **2011**, 27, 264.e1; author reply 264.e7-8	3.8	2
121	Waist circumference is positively correlated with markers of inflammation and negatively with adiponectin in women with metabolic syndrome. *Nutrition Research*, **2011**, 31, 197-204	4	32
120	A Mediterranean-style, low-glycemic-load diet reduces the expression of 3-hydroxy-3-methylglutaryl-coenzyme A reductase in mononuclear cells and plasma insulin in women with metabolic syndrome. *Nutrition Research*, **2011**, 31, 659-64	4	11
119	A lutein-enriched diet prevents cholesterol accumulation and decreases oxidized LDL and inflammatory cytokines in the aorta of guinea pigs. *Journal of Nutrition*, **2011**, 141, 1458-63	4.1	74
118	Low HDL cholesterol is associated with increased atherogenic lipoproteins and insulin resistance in women classified with metabolic syndrome. *Nutrition Research and Practice*, **2010**, 4, 492-8	2.1	8
117	Macronutrient composition and increased physical activity modulate plasma adipokines and appetite hormones during a weight loss intervention. *Journal of Women's Health*, **2010**, 19, 139-45	3	16

116	Metabolic syndrome prevalence, dietary intake, and cardiovascular risk profile among overweight and obese adults 18-50 years old from the United Arab Emirates. *Metabolic Syndrome and Related Disorders*, **2010**, 8, 39-46	2.6	17
115	Effects of eggs on plasma lipoproteins in healthy populations. *Food and Function*, **2010**, 1, 156-60	6.1	43
114	Consuming eggs for breakfast influences plasma glucose and ghrelin, while reducing energy intake during the next 24 hours in adult men. *Nutrition Research*, **2010**, 30, 96-103	4	86
113	Low-carbohydrate diets reduce lipid accumulation and arterial inflammation in guinea pigs fed a high-cholesterol diet. *Atherosclerosis*, **2010**, 209, 442-8	3.1	14
112	Limited effect of dietary saturated fat on plasma saturated fat in the context of a low carbohydrate diet. *Lipids*, **2010**, 45, 947-62	1.6	61
111	Revisiting dietary cholesterol recommendations: does the evidence support a limit of 300 mg/d?. *Current Atherosclerosis Reports*, **2010**, 12, 377-83	6	43
110	Eggs distinctly modulate plasma carotenoid and lipoprotein subclasses in adult men following a carbohydrate-restricted diet. *Journal of Nutritional Biochemistry*, **2010**, 21, 261-7	6.3	63
109	Low Plasma Hdl Cholesterol and Elevated C Reactive Protein further Increase Cardiovascular Disease Risk in Latinos with Type 2 Diabetes. *Journal of Diabetes & Metabolism*, **2010**, 1,	0	4
108	Carbohydrate restriction, as a first-line dietary intervention, effectively reduces biomarkers of metabolic syndrome in Emirati adults. *Journal of Nutrition*, **2009**, 139, 1667-76	4.1	41
107	Effects of dietary carbohydrate restriction versus low-fat diet on flow-mediated dilation. *Metabolism: Clinical and Experimental*, **2009**, 58, 1769-77	12.7	39
106	Carbohydrate restriction has a more favorable impact on the metabolic syndrome than a low fat diet. *Lipids*, **2009**, 44, 297-309	1.6	251
105	Carbohydrate-restricted versus low-glycemic-index diets for the treatment of insulin resistance and metabolic syndrome. *Nutrition Reviews*, **2009**, 67, 179-83	6.4	23
104	Habitual consumption of eggs does not alter the beneficial effects of endurance training on plasma lipids and lipoprotein metabolism in untrained men and women. *Journal of Nutritional Biochemistry*, **2009**, 20, 26-34	6.3	15
103	Carbohydrate restriction (with or without additional dietary cholesterol provided by eggs) reduces insulin resistance and plasma leptin without modifying appetite hormones in adult men. *Nutrition Research*, **2009**, 29, 262-8	4	33
102	Raisins and walking alter appetite hormones and plasma lipids by modifications in lipoprotein metabolism and up-regulation of the low-density lipoprotein receptor. *Metabolism: Clinical and Experimental*, **2009**, 58, 120-8	12.7	19
101	Low-carbohydrate diet disrupts the association between insulin resistance and weight gain. *Metabolism: Clinical and Experimental*, **2009**, 58, 1116-22	12.7	13
100	Stearate-enriched plant sterol esters lower serum LDL cholesterol concentration in normo- and hypercholesterolemic adults. *Journal of Nutrition*, **2009**, 139, 1445-50	4.1	34
99	Eggs modulate the inflammatory response to carbohydrate restricted diets in overweight men. *Nutrition and Metabolism*, **2008**, 5, 6	4.6	50

98	The LDL to HDL cholesterol ratio as a valuable tool to evaluate coronary heart disease risk. *Journal of the American College of Nutrition*, **2008**, 27, 1-5	3.5	177
97	Dietary carbohydrate restriction induces a unique metabolic state positively affecting atherogenic dyslipidemia, fatty acid partitioning, and metabolic syndrome. *Progress in Lipid Research*, **2008**, 47, 307-18	14.3	178
96	Modulation of C-reactive protein, tumor necrosis factor-alpha, and adiponectin by diet, exercise, and weight loss. *Journal of Nutrition*, **2008**, 138, 2293-6	4.1	91
95	Dietary cholesterol from eggs increases plasma HDL cholesterol in overweight men consuming a carbohydrate-restricted diet. *Journal of Nutrition*, **2008**, 138, 272-6	4.1	109
94	Comparison of low fat and low carbohydrate diets on circulating fatty acid composition and markers of inflammation. *Lipids*, **2008**, 43, 65-77	1.6	209
93	Carbohydrate restriction and dietary cholesterol distinctly affect plasma lipids and lipoprotein subfractions in adult guinea pigs. *Journal of Nutritional Biochemistry*, **2008**, 19, 856-63	6.3	7
92	Guinea Pigs as Models for Human Cholesterol and Lipoprotein Metabolism **2008**, 201-212		2
91	The metabolic syndrome. *Nutrition Reviews*, **2007**, 65, S30-4	6.4	16
90	Effects of a carbohydrate-restricted diet with and without supplemental soluble fiber on plasma low-density lipoprotein cholesterol and other clinical markers of cardiovascular risk. *Metabolism: Clinical and Experimental*, **2007**, 56, 58-67	12.7	60
89	Carbohydrate restriction alters hepatic cholesterol metabolism in guinea pigs fed a hypercholesterolemic diet. *Journal of Nutrition*, **2007**, 137, 2219-23	4.1	9
88	Acculturation and biomarkers for type 2 diabetes in Latinos. *Journal of Nutrition*, **2007**, 137, 871-2	4.1	5
87	A combination of psyllium and plant sterols alters lipoprotein metabolism in hypercholesterolemic subjects by modifying the intravascular processing of lipoproteins and increasing LDL uptake. *Journal of Nutrition*, **2007**, 137, 1165-70	4.1	24
86	Change in plasma lutein after egg consumption is positively associated with plasma cholesterol and lipoprotein size but negatively correlated with body size in postmenopausal women. *Journal of Nutrition*, **2007**, 137, 959-63	4.1	20
85	Carbohydrate restriction and dietary cholesterol modulate the expression of HMG-CoA reductase and the LDL receptor in mononuclear cells from adult men. *Lipids in Health and Disease*, **2007**, 6, 34	4.4	9
84	The Metabolic Syndrome. *Nutrition Reviews*, **2007**, 65, 30-34	6.4	39
83	Dietary carbohydrate and cholesterol influence the number of particles and distributions of lipoprotein subfractions in guinea pigs. *Journal of Nutritional Biochemistry*, **2006**, 17, 773-9	6.3	13
82	Validation of using gene expression in mononuclear cells as a marker for hepatic cholesterol metabolism. *Lipids in Health and Disease*, **2006**, 5, 22	4.4	13
81	Associations between plasma lipid parameters and APOC3 and APOA4 genotypes in a healthy population are independent of dietary cholesterol intake. *Atherosclerosis*, **2006**, 184, 113-20	3.1	34

80	Guinea pigs: a suitable animal model to study lipoprotein metabolism, atherosclerosis and inflammation. *Nutrition and Metabolism*, **2006**, 3, 17	4.6	91
79	Effects of a carbohydrate-restricted diet on emerging plasma markers for cardiovascular disease. *Nutrition and Metabolism*, **2006**, 3, 19	4.6	47
78	Plasma LDL and HDL characteristics and carotenoid content are positively influenced by egg consumption in an elderly population. *Nutrition and Metabolism*, **2006**, 3, 6	4.6	62
77	Rapamycin, an mTOR inhibitor, disrupts triglyceride metabolism in guinea pigs. *Metabolism: Clinical and Experimental*, **2006**, 55, 794-802	12.7	41
76	A combination therapy including psyllium and plant sterols lowers LDL cholesterol by modifying lipoprotein metabolism in hypercholesterolemic individuals. *Journal of Nutrition*, **2006**, 136, 2492-7	4.1	34
75	Carbohydrate restriction alters lipoprotein metabolism by modifying VLDL, LDL, and HDL subfraction distribution and size in overweight men. *Journal of Nutrition*, **2006**, 136, 384-9	4.1	63
74	Hypo- and hyperresponse to egg cholesterol predicts plasma lutein and beta-carotene concentrations in men and women. *Journal of Nutrition*, **2006**, 136, 601-7	4.1	29
73	The ABCG5 polymorphism contributes to individual responses to dietary cholesterol and carotenoids in eggs. *Journal of Nutrition*, **2006**, 136, 1161-5	4.1	77
72	Dietary cholesterol provided by eggs and plasma lipoproteins in healthy populations. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2006**, 9, 8-12	3.8	49
71	Weight loss associated with reduced intake of carbohydrate reduces the atherogenicity of LDL in premenopausal women. *Metabolism: Clinical and Experimental*, **2005**, 54, 1133-41	12.7	19
70	Efficacy and safety of sitosterol in the management of blood cholesterol levels. *Cardiovascular Drug Reviews*, **2005**, 23, 57-70		29
69	Maintenance of the LDL cholesterol:HDL cholesterol ratio in an elderly population given a dietary cholesterol challenge. *Journal of Nutrition*, **2005**, 135, 2793-8	4.1	79
68	Mechanisms by which dietary fatty acids modulate plasma lipids. *Journal of Nutrition*, **2005**, 135, 2075-8	4.1	264
67	Cardioprotective effects of dietary polyphenols. *Journal of Nutrition*, **2005**, 135, 2291-4	4.1	255
66	Grape polyphenols exert a cardioprotective effect in pre- and postmenopausal women by lowering plasma lipids and reducing oxidative stress. *Journal of Nutrition*, **2005**, 135, 1911-7	4.1	248
65	SC-435, an ileal apical sodium-codependent bile acid transporter inhibitor alters mRNA levels and enzyme activities of selected genes involved in hepatic cholesterol and lipoprotein metabolism in guinea pigs. *Journal of Nutritional Biochemistry*, **2005**, 16, 722-8	6.3	16
64	JTT-130, a microsomal triglyceride transfer protein (MTP) inhibitor lowers plasma triglycerides and LDL cholesterol concentrations without increasing hepatic triglycerides in guinea pigs. *BMC Cardiovascular Disorders*, **2005**, 5, 30	2.3	70
63	Carbohydrate intake is correlated with biomarkers for coronary heart disease in a population of overweight premenopausal women. *Journal of Nutritional Biochemistry*, **2005**, 16, 245-50	6.3	20

62	High intake of saturated fat and early occurrence of specific biomarkers may explain the prevalence of chronic disease in northern Mexico. *Journal of Nutrition*, **2005**, 135, 70-3	4.1	14
61	Weight loss favorably modifies anthropometrics and reverses the metabolic syndrome in premenopausal women. *Journal of the American College of Nutrition*, **2005**, 24, 486-93	3.5	37
60	Guinea pigs as models to study the hypocholesterolemic effects of drugs. *Cardiovascular Drug Reviews*, **2004**, 22, 55-70		31
59	Waist circumference is a better predictor than body mass index of coronary heart disease risk in overweight premenopausal women. *Journal of Nutrition*, **2004**, 134, 1071-6	4.1	78
58	Beneficial effects of weight loss on plasma apolipoproteins in postmenopausal women. *Journal of Nutritional Biochemistry*, **2004**, 15, 717-21	6.3	16
57	High intake of cholesterol results in less atherogenic low-density lipoprotein particles in men and women independent of response classification. *Metabolism: Clinical and Experimental*, **2004**, 53, 823-30	12.7	62
56	Are the current dietary guidelines regarding egg consumption appropriate?. *Journal of Nutrition*, **2004**, 134, 187-90	4.1	70
55	Dietary cholesterol does not increase biomarkers for chronic disease in a pediatric population from northern Mexico. *American Journal of Clinical Nutrition*, **2004**, 80, 855-61	7	50
54	Men classified as hypo- or hyperresponders to dietary cholesterol feeding exhibit differences in lipoprotein metabolism. *Journal of Nutrition*, **2003**, 133, 1036-42	4.1	73
53	Grape polyphenols decrease plasma triglycerides and cholesterol accumulation in the aorta of ovariectomized guinea pigs. *Journal of Nutrition*, **2003**, 133, 2268-72	4.1	106
52	Sex and hormonal status modulate the effects of psyllium on plasma lipids and monocyte gene expression in humans. *Journal of Nutrition*, **2003**, 133, 67-70	4.1	10
51	SC-435, an ileal apical sodium co-dependent bile acid transporter (ASBT) inhibitor lowers plasma cholesterol and reduces atherosclerosis in guinea pigs. *Atherosclerosis*, **2003**, 171, 201-10	3.1	53
50	Corn fiber oil lowers plasma cholesterol by altering hepatic cholesterol metabolism and up-regulating LDL receptors in guinea pigs. *Journal of Nutrition*, **2002**, 132, 335-40	4.1	16
49	Exercise improves plasma lipid profiles and modifies lipoprotein composition in guinea pigs. *Journal of Nutritional Biochemistry*, **2002**, 13, 747-753	6.3	22
48	1-[4-[4[(4R,5R)-3,3-Dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]buty methanesulfonate (SC-435), an ileal apical sodium-codependent bile acid transporter inhibitor alters hepatic cholesterol metabolism and lowers plasma low-density lipoprotein-cholesterol concentrations in guinea pigs. *Journal of Pharmacology and Experimental Therapeutics*, **2002**, 303, 293-9	4.7	34
47	The seeds from Plantago ovata lower plasma lipids by altering hepatic and bile acid metabolism in guinea pigs. *Journal of Nutrition*, **2002**, 132, 1194-8	4.1	51
46	Pre-menopausal women, classified as hypo- or hyperresponders, do not alter their LDL/HDL ratio following a high dietary cholesterol challenge. *Journal of the American College of Nutrition*, **2002**, 21, 250-8	3.5	75
45	Sex and hormonal status influence the effects of psyllium on lipoprotein remodeling and composition. *Metabolism: Clinical and Experimental*, **2002**, 51, 500-7	12.7	17

44	Soluble fiber and soybean protein reduce atherosclerotic lesions in guinea pigs. Sex and hormonal status determine lesion extension. *Lipids*, **2001**, 36, 1209-16	1.6	26
43	Sex and hormonal status influence plasma lipid responses to psyllium. *American Journal of Clinical Nutrition*, **2001**, 74, 435-41	7	45
42	Guinea pigs as models for cholesterol and lipoprotein metabolism. *Journal of Nutrition*, **2001**, 131, 10-20	4.1	85
41	The hypocholesterolaemic effects of sitostanol in the guinea pig are in part related to changes in hepatic lipids and lipoprotein composition. *British Journal of Nutrition*, **2001**, 85, 165-72	3.6	12
40	Soluble fiber and nondigestible carbohydrate effects on plasma lipids and cardiovascular risk. *Current Opinion in Lipidology*, **2001**, 12, 35-40	4.4	98
39	Weight loss is correlated with an improved lipoprotein profile in obese postmenopausal women. *Journal of the American College of Nutrition*, **2000**, 19, 275-84	3.5	13
38	Corn husk oil lowers plasma LDL cholesterol concentrations by decreasing cholesterol absorption and altering hepatic cholesterol metabolism in guinea pigs. *Journal of Nutritional Biochemistry*, **2000**, 11, 358-66	6.3	12
37	Gender and hormonal status affect the hypolipidemic mechanisms of dietary soluble fiber in guinea pigs. *Journal of Nutrition*, **2000**, 130, 600-7	4.1	42
36	Resistant starch and cholestyramine have distinct effects on hepatic cholesterol metabolism in guinea pigs fed a hypercholesterolemic diet. *Nutrition Research*, **2000**, 20, 837-849	4	27
35	Lime-treated maize husks lower plasma LDL-cholesterol levels in normal and hypercholesterolaemic adult men from northern Mexico. *British Journal of Nutrition*, **1999**, 81, 281-288	3.6	8
34	Regulation of guinea pig hepatic acyl-coa:cholesterol acyltransferase activity by dietary fat saturation and cholesterol. *Journal of Nutritional Biochemistry*, **1999**, 10, 172-80	6.3	6
33	Pectin and psyllium decrease the susceptibility of LDL to oxidation in guinea pigs. *Journal of Nutritional Biochemistry*, **1999**, 10, 118-24	6.3	21
32	Atorvastatin and simvastatin have distinct effects on hydroxy methylglutaryl-CoA reductase activity and mRNA abundance in the guinea pig. *Lipids*, **1999**, 34, 1327-32	1.6	31
31	Hypocholesterolemic effects of 3-hydroxy-3-methylglutaryl coenzyme A (HMG-CoA) reductase inhibitors in the guinea pig: atorvastatin versus simvastatin. *Biochemical Pharmacology*, **1999**, 58, 1209-19	6	21
30	Hamsters and guinea pigs differ in their plasma lipoprotein cholesterol distribution when fed diets varying in animal protein, soluble fiber, or cholesterol content. *Journal of Nutrition*, **1999**, 129, 1323-32	4.1	47
29	Regulation of very low density lipoprotein apo B metabolism by dietary fat saturation and chain length in the guinea pig. *Lipids*, **1998**, 33, 23-31	1.6	10
28	Dietary Carbohydrate Type and Fat Saturation Independently Regulate Hepatic Cholesterol and LDL Metabolism in Guinea Pigs. *Journal of Nutritional Biochemistry*, **1998**, 9, 37-46	6.3	6
27	Saturated fat and simple carbohydrates elevate plasma LDL cholesterol concentrations by specific alterations on hepatic cholesterol metabolism. *Nutrition Research*, **1998**, 18, 1003-1015	4	5

26	Differences in response between 18 carbon fatty acids and carbon saturated fatty acids on plasma cholesterol in Guinea pigs. *Nutrition Research*, **1998**, 18, 1261-1272	4	2
25	Regulation of apolipoprotein B-containing lipoproteins by vitamin C level and dietary fat saturation in guinea pigs. *Metabolism: Clinical and Experimental*, **1998**, 47, 883-91	12.7	10
24	Cookies enriched with psyllium or oat bran lower plasma LDL cholesterol in normal and hypercholesterolemic men from Northern Mexico. *Journal of the American College of Nutrition*, **1998**, 17, 601-8	3.5	60
23	Dietary soluble fiber lowers plasma LDL cholesterol concentrations by altering lipoprotein metabolism in female guinea pigs. *Journal of Nutrition*, **1998**, 128, 1434-41	4.1	33
22	Hypolipidemic mechanisms of pectin and psyllium in guinea pigs fed high fat/sucrose diets: alterations on hepatic cholesterol metabolism. *Journal of Lipid Research*, **1998**, 39, 1455-1465	6.3	41
21	Vitamin C level and dietary fat saturation alter hepatic cholesterol homeostasis and plasma LDL metabolism in guinea pigs. *Journal of Nutritional Biochemistry*, **1997**, 8, 414-424	6.3	16
20	Lime-treated corn husks lower plasma LDL cholesterol in guinea pigs by altering hepatic cholesterol metabolism. *Journal of Nutritional Biochemistry*, **1997**, 8, 479-486	6.3	12
19	Dietary fat amount and carbohydrate type regulate hepatic acyl CoA:cholesterol acyltransferase (ACAT) activity. Possible links between ACAT activity and plasma cholesterol levels. *Nutrition Research*, **1996**, 16, 937-948	4	5
18	Dietary carbohydrate type and fat amount alter VLDL and LDL metabolism in guinea pigs. *Journal of Nutrition*, **1996**, 126, 2494-504	4.1	13
17	Olive oil and rapeseed oil differ in their effect on plasma low-density lipoprotein metabolism in the guinea-pig. *British Journal of Nutrition*, **1996**, 76, 869-80	3.6	11
16	Carbohydrate type and amount alter intravascular processing and catabolism of plasma lipoproteins in guinea pigs. *Lipids*, **1995**, 30, 619-26	1.6	13
15	Carbohydrate-fat exchange and regulation of hepatic cholesterol and plasma lipoprotein metabolism in the guinea pig. *Metabolism: Clinical and Experimental*, **1995**, 44, 855-64	12.7	24
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