Michael Lefevre

List of Publications by Year
in descending order

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82 papers	10,600 citations	81900 39 h-index	88630 70 g-index
82 all docs	82 docs citations	82 times ranked	13886 citing authors

#	Article	IF	Citations
1	Diet and Lifestyle Recommendations Revision 2006. Circulation, 2006, 114, 82-96.	1.6	2,354
2	Butyrate Improves Insulin Sensitivity and Increases Energy Expenditure in Mice. Diabetes, 2009, 58, 1509-1517.	0.6	1,630
3	Dietary Sugars Intake and Cardiovascular Health. Circulation, 2009, 120, 1011-1020.	1.6	1,006
4	Serine Phosphorylation of Insulin Receptor Substrate 1 by Inhibitor ÎºB Kinase Complex. Journal of Biological Chemistry, 2002, 277, 48115-48121.	3.4	640
5	Summary of American Heart Association Diet and Lifestyle Recommendations Revision 2006. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 2186-2191.	2.4	295
6	Inhibition of Insulin Sensitivity by Free Fatty Acids Requires Activation of Multiple Serine Kinases in 3T3-L1 Adipocytes. Molecular Endocrinology, 2004, 18, 2024-2034.	3.7	281
7	Towards Establishing Dietary Reference Intakes for Eicosapentaenoic and Docosahexaenoic Acids. Journal of Nutrition, 2009, 139, 804S-819S.	2.9	280
8	Effects of Reducing Dietary Saturated Fatty Acids on Plasma Lipids and Lipoproteins in Healthy Subjects. Arteriosclerosis, Thrombosis, and Vascular Biology, 1998, 18, 441-449.	2.4	255
9	Effects of Diets Enriched in Saturated (Palmitic), Monounsaturated (Oleic), or trans (Elaidic) Fatty Acids on Insulin Sensitivity and Substrate Oxidation in Healthy Adults. Diabetes Care, 2002, 25, 1283-1288.	8.6	226
10	Caloric restriction alone and with exercise improves CVD risk in healthy non-obese individuals. Atherosclerosis, 2009, 203, 206-213.	0.8	193
11	Effect of diets enriched in almonds on insulin action and serum lipids in adults with normal glucose tolerance or type 2 diabetes,,. American Journal of Clinical Nutrition, 2002, 76, 1000-1006.	4.7	192
12	Secretome of Primary Cultures of Human Adipose-derived Stem Cells. Molecular and Cellular Proteomics, 2007, 6, 18-28.	3.8	189
13	Distribution of ApoA-Iâ€“Containing HDL Subpopulations in Patients With Coronary Heart Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 2670-2676.	2.4	185
14	Effect of 6â€Month Calorie Restriction and Exercise on Serum and Liver Lipids and Markers of Liver Function. Obesity, 2008, 16, 1355-1362.	3.0	178
15	Human Proteinpedia enables sharing of human protein data. Nature Biotechnology, 2008, 26, 164-167.	17.5	155
16	The Influence of Different Fats and Fatty Acids on Obesity, Insulin Resistance and Inflammation. Journal of Nutrition, 2002, 132, 2488-2491.	2.9	147
17	Dose effects of dietary phytosterols on cholesterol metabolism: a controlled feeding study. American Journal of Clinical Nutrition, 2010, 91, 32-38.	4.7	142
18	Rice bran oil, not fiber, lowers cholesterol in humans1â€“3. American Journal of Clinical Nutrition, 2005, 81, 64-68.	4.7	132

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19	Proteomic Analysis of Primary Cultures of Human Adipose-derived Stem Cells. Molecular and Cellular Proteomics, 2005, 4, 731-740.	3.8	130
20	Comparison of monounsaturated fat with carbohydrates as a replacement for saturated fat in subjects with a high metabolic risk profile: studies in the fasting and postprandial states. American Journal of Clinical Nutrition, 2007, 86, 1611-1620.	4.7	121
21	Relationship of dietary fat and serum cholesterol ester and phospholipid fatty acids to markers of insulin resistance in men and women with a range of glucose tolerance. Metabolism: Clinical and Experimental, 2001, 50, 86-92.	3.4	97
22	Aorta elastin turnover in normal and hypercholesterolemic Japanese quail. Biochimica Et Biophysica Acta - General Subjects, 1980, 630, 519-529.	2.4	96
23	Individual variability in cardiovascular disease risk factor responses to low-fat and low-saturated-fat diets in men: body mass index, adiposity, and insulin resistance predict changes in LDL cholesterol. American Journal of Clinical Nutrition, 2005, 82, 957-963.	4.7	94
24	Proteomic and genetic approaches to identifying defence-related proteins in rice challenged with the fungal pathogen Rhizoctonia solani. Molecular Plant Pathology, 2006, 7, 405-416.	4.2	93
25	Broad scope method for creating humanized animal models for animal health and disease research through antibiotic treatment and human fecal transfer. Gut Microbes, 2014, 5, 183-191.	9.8	90
26	Dietary fatty acids, hemostasis, and cardiovascular disease risk11Continuing Education Questionnaire, page 492 Meets learning need codes 4040, 4050, 5160, and 9020. Journal of the American Dietetic Association, 2004, 104, 410-419.	1.1	80
27	Comparison of the acute response to meals enriched with cis- or trans-fatty acids on glucose and lipids in overweight individuals with differing FABP2 genotypes. Metabolism: Clinical and Experimental, 2005, 54, 1652-1658.	3.4	74
28	Comparison of monounsaturated fat with carbohydrates as a replacement for saturated fat in subjects with a high metabolic risk profile: studies in the fasting and postprandial states. American Journal of Clinical Nutrition, 2007, 86, 1611-1620.	4.7	73
29	Trans Fatty Acid Intakes and Food Sources in the U.S. Population: NHANES 1999â€“2002. Lipids, 2012, 47, 931-940.	1.7	70
30	HDL-subpopulation patterns in response to reductions in dietary total and saturated fat intakes in healthy subjects. American Journal of Clinical Nutrition, 1999, 70, 992-1000.	4.7	62
31	Skin Carotenoids: A Biomarker of Fruit and Vegetable Intake in Children. Journal of the Academy of Nutrition and Dietetics, 2014, 114, 1174-1180.	0.8	62
32	Inactivation of PKCÎ¸ leads to increased susceptibility to obesity and dietary insulin resistance in mice. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E84-E91.	3.5	58
33	Combined Effects of Ezetimibe and Phytosterols on Cholesterol Metabolism. Circulation, 2011, 124, 596-601.	1.6	56
34	Whole Grain Oats Improve Insulin Sensitivity and Plasma Cholesterol Profile and Modify Gut Microbiota Composition in C57BL/6J Mice. Journal of Nutrition, 2015, 145, 222-230.	2.9	56
35	A 9-mo randomized clinical trial comparing fat-substituted and fat-reduced diets in healthy obese men: the Ole Study,,. American Journal of Clinical Nutrition, 2002, 76, 928-934.	4.7	55
36	Effect of whole grains on markers of subclinical inflammation. Nutrition Reviews, 2012, 70, 387-396.	5.8	53

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37	Anthocyanins Inhibit Lipogenesis During Adipocyte Differentiation of 3T3-L1 Preadipocytes. Plant Foods for Human Nutrition, 2014, 69, 137-141.	3.2	50
38	Differential response to low-fat diet between low and normal HDL-cholesterol subjects. Journal of Lipid Research, 2000, 41, 321-328.	4.2	50
39	Botanicals and the metabolic syndrome. American Journal of Clinical Nutrition, 2008, 87, 481S-487S.	4.7	48
40	Effects of Dairy Products on Intracellular Calcium and Blood Pressure in Adults with Essential Hypertension. Journal of the American College of Nutrition, 2009, 28, 142-149.	1.8	38
41	Effect of Choline Forms and Gut Microbiota Composition on Trimethylamine-N-Oxide Response in Healthy Men. Nutrients, 2020, 12, 2220.	4.1	38
42	Normolipidemic Subjects With Low HDL Cholesterol Levels Have Altered HDL Subpopulations. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 17, 1885-1893.	2.4	37
43	Funding food science and nutrition research: financial conflicts and scientific integrity. Nutrition Reviews, 2009, 67, 264-272.	5.8	37
44	Copper Deficiency-Induced Hypercholesterolemia: Effects on HDL Subfractions and Hepatic Lipoprotein Receptor Activity in the Rat. Journal of Nutrition, 1986, 116, 1735-1746.	2.9	36
45	Effect of dietary copper and zinc levels on tissue copper, zinc, and iron in male rats. Biological Trace Element Research, 1985, 8, 123-136.	3.5	34
46	Different Effects of Zinc and Copper Deficiency on Composition of Plasma High Density Lipoproteins in Rats. Journal of Nutrition, 1985, 115, 359-368.	2.9	33
47	ApoE Genotype Does Not Predict Lipid Response to Changes in Dietary Saturated Fatty Acids in a Heterogeneous Normolipidemic Population. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 17, 2914-2923.	2.4	33
48	Putative forms of soluble elastin and their relationship to the synthesis of fibrous elastin. Biochemical and Biophysical Research Communications, 1977, 75, 358-365.	2.1	23
49	Alteration in Lipoprotein Composition with Intravenous Compared to Intragastric Fat-Free Feeding in the Rat. Journal of Nutrition, 1986, 116, 2106-2120.	2.9	22
50	Interrelationship of Plasma Triglycerides and HDL Size and Composition in Rats Fed Different Dietary Saturated Fats. Journal of Nutrition, 1991, 121, 1311-1322.	2.9	22
51	Gene expression microarray analysis of the effects of grape anthocyanins in mice: a test of a hypothesis-generating paradigm. Metabolism: Clinical and Experimental, 2008, 57, S52-S57.	3.4	22
52	Influence of age and normal plasma fibrinogen levels on flow-mediated dilation in healthy adults. American Journal of Cardiology, 2000, 86, 703-705.	1.6	19
53	Funding Food Science and Nutrition Research: Financial Conflicts and Scientific Integrity. Journal of Nutrition, 2009, 139, 1051-1053.	2.9	19
54	Predicted Changes in Fatty Acid Intakes, Plasma Lipids, and Cardiovascular Disease Risk Following Replacement of trans Fatty Acidâ€Containing Soybean Oil with Applicationâ€Appropriate Alternatives. Lipids, 2012, 47, 951-962.	1.7	18

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55	The new total Western diet for rodents does not induce an overweight phenotype or alter parameters of metabolic syndrome in mice. Nutrition Research, 2016, 36, 1031-1044.	2.9	18
56	Gradient acrylamide/agarose gels for electrophoretic separation of intact human very low density lipoproteins, intermediate density lipoproteins, lipoprotein a, and low density lipoproteins. Analytical Biochemistry, 1987, 162, 420-426.	2.4	16
57	The design and progress of a multidomain lifestyle intervention to improve brain health in middleâ€aged persons to reduce later Alzheimer's disease risk: The Gray Matters randomized trial. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2015, 1, 53-62.	3.7	14
58	Comparison of growth and survival of single strains of Lactococcus lactis and Lactococcus cremoris during Cheddar cheese manufacture. Journal of Dairy Science, 2022, 105, 2069-2081.	3.4	14
59	Dietary Cadmium, Zinc and Copper: Effects on Chick Lung Morphology and Elastin Cross-linking. Journal of Nutrition, 1982, 112, 1344-1352.	2.9	11
60	Preferential redistribution of lipoprotein-unassociated apoA-IV to an HDL subpopulation with a high degree of LCAT modification. Lipids, 1989, 24, 1035-1038.	1.7	10
61	Comparison of the lipid and apolipoprotein composition of skeletal muscle and peripheral lymph in control dogs and in dogs fed a high fat, high cholesterol, hypothyroid-inducing diet. Lipids and Lipid Metabolism, 1993, 1169, 196-201.	2.6	9
62	Partial characterization of a tropoelastin precursor isolated from chick aorta. Biochemistry, 1979, 18, 3854-3859.	2.5	7
63	SigTree : A Microbial Community Analysis Tool to Identify and Visualize Significantly Responsive Branches in a Phylogenetic Tree. Computational and Structural Biotechnology Journal, 2017, 15, 372-378.	4.1	5
64	Monthly haemostatic factor variability in women and men. European Journal of Clinical Investigation, 2014, 44, 309-318.	3.4	4
65	The Type and Amount of Dietary Fat Affect Plasma Factor VIIc, Fibrinogen, and PAI-1 in Healthy Individuals and Individuals at High Cardiovascular Disease Risk: 2 Randomized Controlled Trials. Journal of Nutrition, 2020, 150, 2089-2100.	2.9	4
66	Funding Food Science and Nutrition Research: Financial Conflicts and Scientific Integrity. Journal of the American Dietetic Association, 2009, 109, 929-936.	1.1	3
67	Reply to D Giugliano and K Esposito. American Journal of Clinical Nutrition, 2006, 83, 921-922.	4.7	2
68	The association of homocysteine and related factors to brachial artery diameter and flow-mediated dilation. Metabolism: Clinical and Experimental, 2007, 56, 641-648.	3.4	2
69	ELISA detection of restriction site polymorphisms in the pig ryanodine receptor locus. Mammalian Genome, 1998, 9, 629-632.	2.2	1
70	Response to Letter Regarding Article, â€œCombined Effects of Ezetimibe and Phytosterols on Cholesterol Metabolism: A Randomized, Controlled Feeding Study in Humansâ€• Circulation, 2012, 125, .	1.6	1
71	Chemical Changes in Elastin as a Function of Maturation. ACS Symposium Series, 1980, , 63-82.	0.5	0
72	Reduced weight gain and adiposity with addition of anthocyaninâ€rich purple corn extract to a high fat diet is associated with changes in intestinal microbiota in C57BL/6 mice. FASEB Journal, 2011, 25, 224.7.	0.5	0

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73	Comparison of diets containing whole grain oats versus low bran oat flour on insulin sensitivity and fecal microbiota composition in C57BL/6J mice. FASEB Journal, 2012, 26, 830.8.	0.5	0
74	Effect of Whole Grains on Markers of Systemic Inflammation. FASEB Journal, 2012, 26, 626.12.	0.5	0
75	Impact of a new total Western diet for rodents on metabolic health and colorectal carcinogenesis. FASEB Journal, 2013, 27, 863.5.	0.5	0
76	Formulation of the Total Western Diet 2, a whole foodâ€based rodent diet that emulates average American microâ€•and macronutrient intakes for colorectal cancer and gut microflora studies (816.6). FASEB Journal, 2014, 28, 816.6.	0.5	0
77	The micronutrient profile of the typical American diet enhances colorectal carcinogenesis in mice (123.4). FASEB Journal, 2014, 28, 123.4.	0.5	0
78	Promotion of inflammationâ€•associated colon tumorigenesis by the total Western diet in the APC min/+ mouse. FASEB Journal, 2015, 29, 753.10.	0.5	0
79	The Effect of Dietary Polyunsaturated Acid (PUFA) Concentration and n6:n3 Ratio on Azoxymethane + Dextran Sodium Sulfate (AOM+DSS) Inflammationâ€Associated Colorectal Cancer (CRC). FASEB Journal, 2015, 29, 753.6.	0.5	0
80	A High Flavonoid Diet Reduces Gut Permeability, Short Chain Fatty Acid Production and Decreases Gut Inflammation in Overweight and Obese Men and Women. FASEB Journal, 2016, 30, 420.5.	0.5	0
81	Consumption of the total Western diet (TWD) enhanced and sustained colonic inflammation and promoted colon tumorigenesis in mice, which led to marked changes in the composition of the gut microbiome in mice. FASEB Journal, 2017, 31, 435.3.	0.5	0
82	Effects of Food Matrix and Western Diet on Colorectal Cancer and Metabolism in C57BL/6 Mice. FASEB Journal, 2016, 30, .	0.5	0