

Christine Feillet-Coudray

List of Publications by Year in descending order

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73
papers

2,230
citations

201674

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243625

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docs citations

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times ranked

3273
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#	ARTICLE	IF	CITATIONS
1	Time-of-Day Circadian Modulation of Grape-Seed Procyanidin Extract (GSPE) in Hepatic Mitochondrial Dynamics in Cafeteria-Diet-Induced Obese Rats. <i>Nutrients</i> , 2022, 14, 774.	4.1	12
2	Potential favourable health effects of some dietary uncommon fatty acids. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2021, 28, 41.	1.4	1
3	Peripancreatic Adipose Tissue Remodeling and Inflammation during High Fat Intake of Palm Oils or Lard in Rats. <i>Nutrients</i> , 2021, 13, 1134.	4.1	4
4	Potential physio-pathological effects of branched fatty acid esters of hydroxy fatty acids. <i>Biochimie</i> , 2021, 182, 13-22.	2.6	9
5	Long-term intake of 9-PAHPA or 9-OAHPA modulates favorably the basal metabolism and exerts an insulin sensitizing effect in obesogenic diet-fed mice. <i>European Journal of Nutrition</i> , 2021, 60, 2013-2027.	3.9	20
6	FAHFAs Regulate the Proliferation of C2C12 Myoblasts and Induce a Shift toward a More Oxidative Phenotype in Mouse Skeletal Muscle. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9046.	4.1	8
7	Long-term high intake of 9-PAHPA or 9-OAHPA increases basal metabolism and insulin sensitivity but disrupts liver homeostasis in healthy mice. <i>Journal of Nutritional Biochemistry</i> , 2020, 79, 108361.	4.2	31
8	Effect of spirulina and silicon-enriched spirulina on metabolic syndrome features, oxidative stress and mitochondrial activity in Zucker fatty rats. <i>Journal of Food Biochemistry</i> , 2019, 43, e12979.	2.9	0
9	New evidence of exercise training benefits in myostatin-deficient mice: Effect on lipidomic abnormalities. <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 89-95.	2.1	11
10	Long-term Measures of Dyslipidemia, Inflammation, and Oxidative Stress in Rats Fed a High-Fat/High-Fructose Diet. <i>Lipids</i> , 2019, 54, 81-97.	1.7	33
11	Long-term follow-up of muscle lipid accumulation, mitochondrial activity and oxidative stress and their relationship with impaired glucose homeostasis in high fat high fructose diet-fed rats. <i>Journal of Nutritional Biochemistry</i> , 2019, 64, 182-197.	4.2	6
12	High dietary intake of palm oils compromises glucose tolerance whereas high dietary intake of olive oil compromises liver lipid metabolism and integrity. <i>European Journal of Nutrition</i> , 2019, 58, 3091-3107.	3.9	12
13	Les FAHFAs, une nouvelle classe de lipides endogènes bioactifs. <i>Cahiers De Nutrition Et De Dietetique</i> , 2018, 53, 100-105.	0.3	1
14	20-Week follow-up of hepatic steatosis installation and liver mitochondrial structure and activity and their interrelation in rats fed a high-fat/high-fructose diet. <i>British Journal of Nutrition</i> , 2018, 119, 368-380.	2.3	26
15	Branched Fatty Acyl Esters of Hydroxyl Fatty Acids (FAHFAs), Appealing Beneficial Endogenous Fat against Obesity and Type-2 Diabetes. <i>Chemistry - A European Journal</i> , 2018, 24, 9463-9476.	3.3	36
16	Skeletal muscle overexpression of short isoform Sirt3 altered mitochondrial cardiolipin content and fatty acid composition. <i>Journal of Bioenergetics and Biomembranes</i> , 2018, 50, 131-142.	2.3	10
17	Spirulina platensis and silicon-enriched spirulina equally improve glucose tolerance and decrease the enzymatic activity of hepatic NADPH oxidase in obesogenic diet-fed rats. <i>Food and Function</i> , 2018, 9, 6165-6178.	4.6	12
18	The Dietary Total-Fat Content Affects the In Vivo Circulating C15:0 and C17:0 Fatty Acid Levels Independently. <i>Nutrients</i> , 2018, 10, 1646.	4.1	20

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19	Toxicity of Natural Deep Eutectic Solvent Betaine:Glycerol in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 6205-6212.	5.2	46
20	Myostatin deficiency is associated with lipidomic abnormalities in skeletal muscles. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 1044-1055.	2.4	24
21	Protective Activity of Total Polyphenols from <i>Genista quadriflora</i> Munby and <i>Teucrium polium geyrii</i> Maire in Acetaminophen-Induced Hepatotoxicity in Rats. <i>Nutrients</i> , 2016, 8, 193.	4.1	22
22	A mitochondrial-targeted ubiquinone modulates muscle lipid profile and improves mitochondrial respiration in obesogenic diet-fed rats. <i>British Journal of Nutrition</i> , 2016, 115, 1155-1166.	2.3	38
23	The mitochondrial-targeted antioxidant, MitoQ, increases liver mitochondrial cardiolipin content in obesogenic diet-fed rats. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2015, 1847, 1025-1035.	1.0	40
24	Assessment of potential toxicological aspects of dietary exposure to silicon-rich spirulina in rats. <i>Food and Chemical Toxicology</i> , 2015, 80, 108-113.	3.6	6
25	Combined Strategies for Maintaining Skeletal Muscle Mass and Function in Aging: Myostatin Inactivation and AICAR-Associated Oxidative Metabolism Induction. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1077-1087.	3.6	19
26	The mitochondrial-targeted antioxidant MitoQ ameliorates metabolic syndrome features in obesogenic diet-fed rats better than Apocynin or Allopurinol. <i>Free Radical Research</i> , 2014, 48, 1232-1246.	3.3	58
27	Impact of Wheat Aleurone Structure on Metabolic Disorders Caused by a High-Fat Diet in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 10101-10109.	5.2	16
28	Impact of high dietary lipid intake and related metabolic disorders on the abundance and acyl composition of the unique mitochondrial phospholipid, cardiolipin. <i>Journal of Bioenergetics and Biomembranes</i> , 2014, 46, 447-457.	2.3	28
29	Moderate chronic administration of Vineatrol-enriched red wines improves metabolic, oxidative, and inflammatory markers in hamsters fed a high-fat diet. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 1212-1225.	3.3	19
30	Grape Polyphenols Prevent Fructose-Induced Oxidative Stress and Insulin Resistance in First-Degree Relatives of Type 2 Diabetic Patients. <i>Diabetes Care</i> , 2013, 36, 1454-1461.	8.6	113
31	Short-term assessment of toxicological aspects, oxidative and inflammatory response to dietary melon superoxide dismutase in rats. <i>Food and Chemical Toxicology</i> , 2013, 55, 323-328.	3.6	10
32	Cafeteria diet induces obesity and insulin resistance associated with oxidative stress but not with inflammation: improvement by dietary supplementation with a melon superoxide dismutase. <i>Free Radical Biology and Medicine</i> , 2013, 65, 254-261.	2.9	53
33	Subendocardial Increase in Reactive Oxygen Species Production Affects Regional Contractile Function in Ischemic Heart Failure. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 1009-1020.	5.4	27
34	Effects of long-term administration of saturated and <i>n</i> -3 fatty acid-rich diets on lipid utilisation and oxidative stress in rat liver and muscle tissues. <i>British Journal of Nutrition</i> , 2013, 110, 1789-1802.	2.3	33
35	Chicoric Acid Is an Antioxidant Molecule That Stimulates AMP Kinase Pathway in L6 Myotubes and Extends Lifespan in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2013, 8, e78788.	2.5	70
36	Lack of myostatin alters intermyofibrillar mitochondria activity, unbalances redox status, and impairs tolerance to chronic repetitive contractions in muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E1000-E1008.	3.5	51

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37	Increasing intake of long-chain <i>n</i> -3 PUFA enhances lipoperoxidation and modulates hepatic gene expression in a dose-dependent manner. <i>British Journal of Nutrition</i> , 2012, 107, 1254-1273.	2.3	20
38	Mitochondrial T3 receptor p43 regulates insulin secretion and glucose homeostasis. <i>FASEB Journal</i> , 2012, 26, 40-50.	0.5	38
39	Dietary fatty acids modulate liver mitochondrial cardiolipin content and its fatty acid composition in rats with non alcoholic fatty liver disease. <i>Journal of Bioenergetics and Biomembranes</i> , 2012, 44, 439-452.	2.3	60
40	Polyphenols decreased liver NADPH oxidase activity, increased muscle mitochondrial biogenesis and decreased gastrocnemius age-dependent autophagy in aged rats. <i>Free Radical Research</i> , 2012, 46, 1140-1149.	3.3	25
41	Trans Fatty Acids: Chemical Synthesis of Eicosapentaenoic Acid Isomers and Detection in Rats Fed a Deodorized Fish Oil Diet. <i>Chemical Research in Toxicology</i> , 2012, 25, 687-694.	3.3	27
42	Rat liver mitochondrial membrane characteristics and mitochondrial functions are more profoundly altered by dietary lipid quantity than by dietary lipid quality: effect of different nutritional lipid patterns. <i>British Journal of Nutrition</i> , 2012, 107, 647-659.	2.3	67
43	Carbon monoxide exposure enhances arrhythmia after cardiac stress: involvement of oxidative stress. <i>Basic Research in Cardiology</i> , 2011, 106, 1235-1246.	5.9	26
44	A grape polyphenol extract modulates muscle membrane fatty acid composition and lipid metabolism in high-fat high-sucrose diet-fed rats. <i>British Journal of Nutrition</i> , 2011, 106, 491-501.	2.3	20
45	NADPH oxidase activity is associated with cardiac osteopontin and pro-collagen type I expression in uremia. <i>Free Radical Research</i> , 2011, 45, 454-460.	3.3	6
46	A polyphenol extract modifies quantity but not quality of liver fatty acid content in high-fat high-sucrose diet-fed rats: possible implication of the sirtuin pathway. <i>British Journal of Nutrition</i> , 2010, 104, 1760-1770.	2.3	39
47	Preventive Effect of a Melon Extract Rich in Superoxide Scavenging Activity on Abdominal and Liver Fat and Adipokine Imbalance in High-Fat-Fed Hamsters. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 6461-6467.	5.2	24
48	Mild copper deficiency alters gene expression of proteins involved in iron metabolism. <i>Blood Cells, Molecules, and Diseases</i> , 2006, 36, 15-20.	1.4	21
49	Dietary Inulin Intake and Age Can Affect Intestinal Absorption of Zinc and Copper in Rats. <i>Journal of Nutrition</i> , 2006, 136, 117-122.	2.9	44
50	Dietary inulin intake and age can significantly affect absorption of the faecal marker dysprosium in rats. <i>British Journal of Nutrition</i> , 2006, 95, 255-259.	2.3	0
51	Effect of zinc supplementation on in vitro copper-induced oxidation of low-density lipoproteins in healthy French subjects aged 55-70 years: the Zenith Study. <i>British Journal of Nutrition</i> , 2006, 95, 1134-1142.	2.3	18
52	The effect of aging on intestinal absorption and status of calcium, magnesium, zinc, and copper in rats: A stable isotope study. <i>Journal of Trace Elements in Medicine and Biology</i> , 2006, 20, 73-81.	3.0	49
53	Erythrocyte magnesium fluxes in mice with nutritionally and genetically low magnesium status. <i>European Journal of Nutrition</i> , 2006, 45, 171-177.	3.9	13
54	Stable isotopes in studies of intestinal absorption, exchangeable pools and mineral status: The example of magnesium. <i>Journal of Trace Elements in Medicine and Biology</i> , 2005, 19, 97-103.	3.0	9

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55	Long-term moderate zinc supplementation increases exchangeable zinc pool masses in late-middle-aged men: the Zenith Study. <i>American Journal of Clinical Nutrition</i> , 2005, 82, 103-110.	4.7	27
56	Dietary inulin intake and age can significantly affect intestinal absorption of calcium and magnesium in rats: a stable isotope approach. <i>Nutrition Journal</i> , 2005, 4, 29.	3.4	51
57	Evaluation of magnesium fluxes in rat erythrocytes using a stable isotope of magnesium. <i>Frontiers in Bioscience - Landmark</i> , 2005, 10, 1720.	3.0	4
58	Effect of Tomato Product Consumption on the Plasma Status of Antioxidant Microconstituents and on the Plasma Total Antioxidant Capacity in Healthy Subjects. <i>Journal of the American College of Nutrition</i> , 2004, 23, 148-156.	1.8	63
59	Effects of sulphate- and bicarbonate-rich mineral waters on net and fractional intestinal absorption and urinary excretion of magnesium in rats. <i>European Journal of Nutrition</i> , 2003, 42, 279-286.	3.9	5
60	Making bread with sourdough improves mineral bioavailability from reconstituted whole wheat flour in rats. <i>Nutrition</i> , 2003, 19, 524-530.	2.4	101
61	Dietary iron regulates hepatic hepcidin 1 and 2 mRNAs in mice. <i>Metabolism: Clinical and Experimental</i> , 2003, 52, 1229-1231.	3.4	33
62	Exchangeable magnesium pool masses in spontaneously hypertensive rats. <i>Metabolism: Clinical and Experimental</i> , 2003, 52, 626-630.	3.4	2
63	Effect of short-chain fructooligosaccharides on intestinal calcium absorption and calcium status in postmenopausal women: a stable-isotope study. <i>American Journal of Clinical Nutrition</i> , 2003, 77, 449-457.	4.7	132
64	Two Polyol, Low Digestible Carbohydrates Improve the Apparent Absorption of Magnesium but Not of Calcium in Healthy Young Men. <i>Journal of Nutrition</i> , 2003, 133, 90-93.	2.9	27
65	A New In Vitro Blood Load Test Using a Magnesium Stable Isotope for Assessment of Magnesium Status. <i>Journal of Nutrition</i> , 2003, 133, 1220-1223.	2.9	13
66	Exchangeable magnesium pool masses in healthy women: effects of magnesium supplementation. <i>American Journal of Clinical Nutrition</i> , 2002, 75, 72-78.	4.7	30
67	Fractional Intestinal Absorption of Magnesium Is Directly Proportional to Dietary Magnesium Intake in Rats. <i>Journal of Nutrition</i> , 2002, 132, 2043-2047.	2.9	19
68	Five-Week Intake of Short-Chain Fructo-Oligosaccharides Increases Intestinal Absorption and Status of Magnesium in Postmenopausal Women. <i>Journal of Bone and Mineral Research</i> , 2001, 16, 2152-2160.	2.8	94
69	Mineral supplementation of white wheat flour is necessary to maintain adequate mineral status and bone characteristics in rats. <i>Journal of Trace Elements in Medicine and Biology</i> , 2001, 15, 131-137.	3.0	13
70	Fructooligosaccharides enhance mineral apparent absorption and counteract the deleterious effects of phytic acid on mineral homeostasis in rats. <i>Journal of Nutritional Biochemistry</i> , 2000, 11, 500-508.	4.2	120
71	Long-Term Consumption of Red Wine Does Not Modify Intestinal Absorption or Status of Zinc and Copper in Rats. <i>Journal of Nutrition</i> , 2000, 130, 1309-1313.	2.9	14
72	Exchangeable Magnesium Pool Masses Reflect the Magnesium Status of Rats. <i>Journal of Nutrition</i> , 2000, 130, 2306-2311.	2.9	11

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73	Plasma cholesterol and endogenous cholesterol synthesis during refeeding in anorexia nervosa. Clinica Chimica Acta, 2000, 294, 45-56.	1.1	37