

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55 papers	1,900 citations	19 h-index	43 g-index
55 ext. papers	2,347 ext. citations	3.8 avg, IF	4.97 L-index

#	Paper	IF	Citations
55	Application of nanotechnology in improving bioavailability and bioactivity of diet-derived phytochemicals. <i>Journal of Nutritional Biochemistry</i> , 2014 , 25, 363-76	6.3	273
54	Aging up-regulates expression of inflammatory mediators in mouse adipose tissue. <i>Journal of Immunology</i> , 2007 , 179, 4829-39	5.3	219
53	Nutritional Considerations for Healthy Aging and Reduction in Age-Related Chronic Disease. <i>Advances in Nutrition</i> , 2017 , 8, 17-26	10	158
52	Substituting whole grains for refined grains in a 6-wk randomized trial has a modest effect on gut microbiota and immune and inflammatory markers of healthy adults. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 635-650	7	132
51	Age-associated changes in immune and inflammatory responses: impact of vitamin E intervention. <i>Journal of Leukocyte Biology</i> , 2008 , 84, 900-14	6.5	126
50	Ceramide-induced and age-associated increase in macrophage COX-2 expression is mediated through up-regulation of NF-kappa B activity. <i>Journal of Biological Chemistry</i> , 2003 , 278, 10983-92	5.4	88
49	ECryptoxanthin Prevents Non-alcoholic Fatty Liver Disease Through Different Mechanisms Depending on the Presence or Absence of Carotenoid Cleavage Enzymes (FS06-03-192). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
48	Dietary Fruit and Vegetable Supplementation Suppresses Diet-induced Atherosclerosis in LDL Receptor Knockout Mice (OR24-07-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
47	Development and Validation of a Fecal Extraction Procedure for the Assessment of Multiple Fecal Biomarkers of Intestinal Inflammation (P13-025-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
46	Modulation of Reverse Cholesterol Transport by Lycopene Is Associated with Its Protective Role Against Cigarette Smoke Induced COPD and Lung Carcinogenesis in Ferrets (OR05-02-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
45	Effects of EPA and DHA Supplementation on Plasma Specialized Pro-resolving Lipid Mediators and Blood Monocyte Inflammatory Response in Subjects with Chronic Inflammation (OR29-01-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
44	Mushrooms and Health Summit proceedings. <i>Journal of Nutrition</i> , 2014 , 144, 1128S-36S	4.1	78
43	The Tocopherol form of vitamin E reverses age-associated susceptibility to streptococcus pneumoniae lung infection by modulating pulmonary neutrophil recruitment. <i>Journal of Immunology</i> , 2015 , 194, 1090-9	5.3	63
42	Detection and treatment of atherosclerosis using nanoparticles. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2017 , 9, e1412	9.2	57
41	Vitamin E increases production of vasodilator prostanoids in human aortic endothelial cells through opposing effects on cyclooxygenase-2 and phospholipase A2. <i>Journal of Nutrition</i> , 2005 , 135, 1847-53	4.1	47
40	Modulation of immune and inflammatory responses by dietary lipids. <i>Current Opinion in Lipidology</i> , 2004 , 15, 43-7	4.4	29
39	EPA and DHA differentially modulate monocyte inflammatory response in subjects with chronic inflammation in part via plasma specialized pro-resolving lipid mediators: A randomized, double-blind, crossover study. <i>Atherosclerosis</i> , 2021 , 316, 90-98	3.1	28

38	Comparison of diets enriched in stearic, oleic, and palmitic acids on inflammation, immune response, cardiometabolic risk factors, and fecal bile acid concentrations in mildly hypercholesterolemic postmenopausal women-randomized crossover trial. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 305-315	7	27
37	Ablation of systemic SIRT1 activity promotes nonalcoholic fatty liver disease by affecting liver-mesenteric adipose tissue fatty acid mobilization. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017 , 1863, 2783-2790	6.9	25
36	Naringenin Modifies the Development of Lineage-Specific Effector CD4 T Cells. <i>Frontiers in Immunology</i> , 2018 , 9, 2267	8.4	17
35	Beneficial Metabolic Effects of Mirabegron In Vitro and in High-Fat Diet-Induced Obese Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019 , 369, 419-427	4.7	16
34	Lycopene Inhibits Smoke-Induced Chronic Obstructive Pulmonary Disease and Lung Carcinogenesis by Modulating Reverse Cholesterol Transport in Ferrets. <i>Cancer Prevention Research</i> , 2019 , 12, 421-432	3.2	13
33	Recent Advances in Nanoencapsulation of Phytochemicals to Combat Obesity and Its Comorbidities. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 8119-8131	5.7	12
32	Lipid content in hepatic and gonadal adipose tissue parallel aortic cholesterol accumulation in mice fed diets with different omega-6 PUFA to EPA plus DHA ratios. <i>Clinical Nutrition</i> , 2014 , 33, 260-6	5.9	12
31	Anti-atherogenic effects of CD36-targeted epigallocatechin gallate-loaded nanoparticles. <i>Journal of Controlled Release</i> , 2019 , 303, 263-273	11.7	10
30	Dysregulated 1,25-dihydroxyvitamin D levels in high-fat diet-induced obesity can be restored by changing to a lower-fat diet in mice. <i>Nutrition Research</i> , 2018 , 53, 51-60	4	10
29	Indomethacin Enhances Brown Fat Activity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018 , 365, 467-475	4.7	10
28	Xanthophyll ÆCryptoxanthin Inhibits Highly Refined Carbohydrate Diet-Promoted Hepatocellular Carcinoma Progression in Mice. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e1900949	5.9	9
27	Nutrients and Immunometabolism: Role of Macrophage NLRP3. <i>Journal of Nutrition</i> , 2020 , 150, 1693-1704	4.1	8
26	Healthy Aging-Nutrition Matters: Start Early and Screen Often. <i>Advances in Nutrition</i> , 2021 , 12, 1438-1448	4.8	8
25	Browning white adipose tissue using adipose stromal cell-targeted resveratrol-loaded nanoparticles for combating obesity. <i>Journal of Controlled Release</i> , 2021 , 333, 339-351	11.7	7
24	Dietary ÆCryptoxanthin Inhibits High-Refined Carbohydrate Diet-Induced Fatty Liver via Differential Protective Mechanisms Depending on Carotenoid Cleavage Enzymes in Male Mice. <i>Journal of Nutrition</i> , 2019 , 149, 1553-1564	4.1	6
23	Lower hepatic iron storage associated with obesity in mice can be restored by decreasing body fat mass through feeding a low-fat diet. <i>Nutrition Research</i> , 2016 , 36, 955-963	4	6
22	Dietary Fruit and Vegetable Supplementation Suppresses Diet-Induced Atherosclerosis in LDL Receptor Knockout Mice. <i>Journal of Nutrition</i> , 2021 , 151, 902-910	4.1	4
21	Lack of Differences in Inflammation and T Cell-Mediated Function between Young and Older Women with Obesity. <i>Nutrients</i> , 2020 , 12,	6.7	3

20	Dietary lycopene attenuates cigarette smoke-promoted nonalcoholic steatohepatitis by preventing suppression of antioxidant enzymes in ferrets. <i>Journal of Nutritional Biochemistry</i> , 2021 , 91, 108596	6.3	3
19	Luteolin Improves Insulin Resistance in Postmenopausal Obese Mice by Altering Macrophage Polarization (FS12-01-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	2
18	Docosahexaenoic Acid and Eicosapentaenoic Acid Supplementation Differentially Modulate Pro- and Anti-inflammatory Cytokines in Subjects with Chronic Inflammation (OR29-02-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	1
17	Aging increases expression of inflammatory mediators in mouse adipose tissue (AT). <i>FASEB Journal</i> , 2006 , 20, A140	0.9	1
16	A Novel Combination of Fruits and Vegetables Prevents Diet-Induced Hepatic Steatosis and Metabolic Dysfunction in Mice. <i>Journal of Nutrition</i> , 2020 , 150, 2950-2960	4.1	1
15	Sexual dimorphism of monocyte transcriptome in individuals with chronic low-grade inflammation. <i>Biology of Sex Differences</i> , 2021 , 12, 43	9.3	1
14	Blueberry treatment administered before and/or after lipopolysaccharide stimulation attenuates inflammation and oxidative stress in rat microglial cells. <i>Nutritional Neuroscience</i> , 1-11	3.6	0
13	Green tea catechin EGCG suppresses T cell-mediated function through inhibiting cell division and reducing cell survival. <i>FASEB Journal</i> , 2007 , 21, A738	0.9	
12	In vitro supplementation with white button mushroom promotes maturation of bone marrow-derived dendritic cells in mice. <i>FASEB Journal</i> , 2007 , 21, A737	0.9	
11	The Impact of Different Ratios of Omega-6 Polyunsaturated Fatty Acids to Eicosapentaenoic acid (EPA) plus Docosahexaenoic acid (DHA) on Atherosclerotic Lesion Formation and Inflammatory Factors in the LDL receptor knockout (LDLR ^{-/-}) mouse. <i>FASEB Journal</i> , 2007 , 21, A108	0.9	
10	Ablation of systemic SIRT1 activity promotes nonalcoholic fatty liver disease by affecting liver-mesenteric adipose tissue fatty acid mobilization. <i>FASEB Journal</i> , 2017 , 31, 458.1	0.9	
9	Green tea EGCG suppresses T cell proliferation by impairing IL-2/IL-2R signaling leading to inhibition of cell cycle. <i>FASEB Journal</i> , 2009 , 23, 110.5	0.9	
8	The effects of dietary antioxidants and age on hepatic CRP levels in rodents. <i>FASEB Journal</i> , 2010 , 24, 342.7	0.9	
7	Lutein and Zeaxanthin Supplementation Suppresses Ocular and Systemic Inflammatory Response. <i>FASEB Journal</i> , 2011 , 25, 95.6	0.9	
6	Aging modifies splenocyte DNA methylation in response to influenza infection. <i>FASEB Journal</i> , 2011 , 25, 360.12	0.9	
5	Age Modulates Effect of Fish Oil on the Immune Response in an Ovalbumin Asthmatic Murine Model. <i>FASEB Journal</i> , 2012 , 26, 115.5	0.9	
4	Lower dietary n-6 polyunsaturated fatty acids: eicosapentaenoic acid plus docosahexaenoic acid ratio decreases the expression of inflammatory factors in livers and visceral adipose tissue in LDL receptor null mice. <i>FASEB Journal</i> , 2012 , 26, 1026.17	0.9	
3	Vitamin E reverses age-associated susceptibility to <i>Streptococcus pneumoniae</i> lung infection. <i>FASEB Journal</i> , 2013 , 27, 357.5	0.9	

- 2 Differential effect of docosahexaenoic acid (DHA) versus myrisitc acid (MA) on inflammatory cytokines. *FASEB Journal*, **2013**, 27, 127.5 0.9
- 1 Safe and effective delivery of supplemental iron to healthy older adults: The double-blind, randomized, placebo-controlled trial protocol of the Safe Iron Study. *Gates Open Research*, **2019**, 3, 1510^{2.4}