Dayong Wu

List of Publications by Year in Descending Order

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	Healthy Aging-Nutrition Matters: Start Early and Screen Often. *Advances in Nutrition*, **2021**, 12, 1438-1448	8.0	8
54	Dietary lycopene attenuates cigarette smoke-promoted nonalcoholic steatohepatitis by preventing suppression of antioxidant enzymes in ferrets. *Journal of Nutritional Biochemistry*, **2021**, 91, 108596	6.3	3
53	Browning white adipose tissue using adipose stromal cell-targeted resveratrol-loaded nanoparticles for combating obesity. *Journal of Controlled Release*, **2021**, 333, 339-351	11.7	7
52	Sexual dimorphism of monocyte transcriptome in individuals with chronic low-grade inflammation. *Biology of Sex Differences*, **2021**, 12, 43	9.3	1
51	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. *Atherosclerosis*, **2021**, 316, 90-98	3.1	28
50	Dietary Fruit and Vegetable Supplementation Suppresses Diet-Induced Atherosclerosis in LDL Receptor Knockout Mice. *Journal of Nutrition*, **2021**, 151, 902-910	4.1	4
49	Recent Advances in Nanoencapsulation of Phytochemicals to Combat Obesity and Its Comorbidities. *Journal of Agricultural and Food Chemistry*, **2020**, 68, 8119-8131	5.7	12
48	Lack of Differences in Inflammation and T Cell-Mediated Function between Young and Older Women with Obesity. *Nutrients*, **2020**, 12,	6.7	3
47	Nutrients and Immunometabolism: Role of Macrophage NLRP3. *Journal of Nutrition*, **2020**, 150, 1693-1704	4.1	8
46	Xanthophyll β-Cryptoxanthin Inhibits Highly Refined Carbohydrate Diet-Promoted Hepatocellular Carcinoma Progression in Mice. *Molecular Nutrition and Food Research*, **2020**, 64, e1900949	5.9	9
45	A Novel Combination of Fruits and Vegetables Prevents Diet-Induced Hepatic Steatosis and Metabolic Dysfunction in Mice. *Journal of Nutrition*, **2020**, 150, 2950-2960	4.1	1
44	Dietary β-Cryptoxanthin Inhibits High-Refined Carbohydrate Diet-Induced Fatty Liver via Differential Protective Mechanisms Depending on Carotenoid Cleavage Enzymes in Male Mice. *Journal of Nutrition*, **2019**, 149, 1553-1564	4.1	6
43	β-Cryptoxanthin Prevents Non-alcoholic Fatty Liver Disease Through Different Mechanisms Depending on the Presence or Absence of Carotenoid Cleavage Enzymes (FS06-03-192). *Current Developments in Nutrition*, **2019**, 3,	0.4	78
42	Dietary Fruit and Vegetable Supplementation Suppresses Diet-induced Atherosclerosis in LDL Receptor Knockout Mice (OR24-07-19). *Current Developments in Nutrition*, **2019**, 3,	0.4	78
41	Luteolin Improves Insulin Resistance in Postmenopausal Obese Mice by Altering Macrophage Polarization (FS12-01-19). *Current Developments in Nutrition*, **2019**, 3,	0.4	2
40	Lycopene Inhibits Smoke-Induced Chronic Obstructive Pulmonary Disease and Lung Carcinogenesis by Modulating Reverse Cholesterol Transport in Ferrets. *Cancer Prevention Research*, **2019**, 12, 421-432	3.2	13
39	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. *American Journal of Clinical Nutrition*, **2019**, 110, 305-315	7	27

38	Anti-atherogenic effects of CD36-targeted epigallocatechin gallate-loaded nanoparticles. *Journal of Controlled Release*, **2019**, 303, 263-273	11.7	10
37	Beneficial Metabolic Effects of Mirabegron In Vitro and in High-Fat Diet-Induced Obese Mice. *Journal of Pharmacology and Experimental Therapeutics*, **2019**, 369, 419-427	4.7	16
36	Development and Validation of a Fecal Extraction Procedure for the Assessment of Multiple Fecal Biomarkers of Intestinal Inflammation (P13-025-19). *Current Developments in Nutrition*, **2019**, 3,	0.4	78
35	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). *Current Developments in Nutrition*, **2019**, 3,	0.4	78
34	Docosahexaenoic Acid and Eicosapentaenoic Acid Supplementation Differentially Modulate Pro- and Anti-inflammatory Cytokines in Subjects with Chronic Inflammation (OR29-02-19). *Current Developments in Nutrition*, **2019**, 3,	0.4	1
33	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). *Current Developments in Nutrition*, **2019**, 3,	0.4	78
32	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	
31	Dysregulated 1,25-dihydroxyvitamin D levels in high-fat diet-induced obesity can be restored by changing to a lower-fat diet in mice. *Nutrition Research*, **2018**, 53, 51-60	4	10
30	Indomethacin Enhances Brown Fat Activity. *Journal of Pharmacology and Experimental Therapeutics*, **2018**, 365, 467-475	4.7	10
29	Naringenin Modifies the Development of Lineage-Specific Effector CD4 T Cells. *Frontiers in Immunology*, **2018**, 9, 2267	8.4	17
28	Detection and treatment of atherosclerosis using nanoparticles. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2017**, 9, e1412	9.2	57
27	Nutritional Considerations for Healthy Aging and Reduction in Age-Related Chronic Disease. *Advances in Nutrition*, **2017**, 8, 17-26	10	158
26	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. *American Journal of Clinical Nutrition*, **2017**, 105, 635-650	7	132
25	Ablation of systemic SIRT1 activity promotes nonalcoholic fatty liver disease by affecting liver-mesenteric adipose tissue fatty acid mobilization. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2017**, 1863, 2783-2790	6.9	25
24	Ablation of systemic SIRT1 activity promotes nonalcoholic fatty liver disease by affecting liver-mesenteric adipose tissue fatty acid mobilization. *FASEB Journal*, **2017**, 31, 458.1	0.9	
23	Lower hepatic iron storage associated with obesity in mice can be restored by decreasing body fat mass through feeding a low-fat diet. *Nutrition Research*, **2016**, 36, 955-963	4	6
22	The ⊟ocopherol form of vitamin E reverses age-associated susceptibility to streptococcus pneumoniae lung infection by modulating pulmonary neutrophil recruitment. *Journal of Immunology*, **2015**, 194, 1090-9	5.3	63
21	Application of nanotechnology in improving bioavailability and bioactivity of diet-derived phytochemicals. *Journal of Nutritional Biochemistry*, **2014**, 25, 363-76	6.3	273

20	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. *Clinical Nutrition*, **2014**, 33, 260-6	5.9	12
19	Mushrooms and Health Summit proceedings. *Journal of Nutrition*, **2014**, 144, 1128S-36S	4.1	78
18	Vitamin E reverses age-associated susceptibility to Streptococcus pneumoniae lung infection. *FASEB Journal*, **2013**, 27, 357.5	0.9	
17	Differential effect of docosahexaenoic acid (DHA) versus myrisitc acid (MA) on inflammatory cytokines. *FASEB Journal*, **2013**, 27, 127.5	0.9	
16	Age Modulates Effect of Fish Oil on the Immune Response in an Ovalbumin Asthmatic Murine Model. *FASEB Journal*, **2012**, 26, 115.5	0.9	
15	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. *FASEB Journal*, **2012**, 26, 1026.17	0.9	
14	Lutein and Zeaxanthin Supplementation Suppresses Ocular and Systemic Inflammatory Response. *FASEB Journal*, **2011**, 25, 95.6	0.9	
13	Aging modifies splenocyte DNA methylation in response to influenza infection. *FASEB Journal*, **2011**, 25, 360.12	0.9	
12	The effects of dietary antioxidants and age on hepatic CRP levels in rodents. *FASEB Journal*, **2010**, 24, 342.7	0.9	
11	Green tea EGCG suppresses T cell proliferation by impairing IL-2/IL-2R signaling leading to inhibition of cell cycle. *FASEB Journal*, **2009**, 23, 110.5	0.9	
10	Age-associated changes in immune and inflammatory responses: impact of vitamin E intervention. *Journal of Leukocyte Biology*, **2008**, 84, 900-14	6.5	126
9	Aging up-regulates expression of inflammatory mediators in mouse adipose tissue. *Journal of Immunology*, **2007**, 179, 4829-39	5.3	219
8	Green tea catechin EGCG suppresses T cell-mediated function through inhibiting cell division and reducing cell survival. *FASEB Journal*, **2007**, 21, A738	0.9	
7	In vitro supplementation with white button mushroom promotes maturation of bone marrow-derived dendritic cells in mice. *FASEB Journal*, **2007**, 21, A737	0.9	
6	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. *FASEB Journal*, **2007**, 21, A108	0.9	
5	Aging increases expression of inflammatory mediators in mouse adipose tissue (AT). *FASEB Journal*, **2006**, 20, A140	0.9	1
4	Vitamin E increases production of vasodilator prostanoids in human aortic endothelial cells through opposing effects on cyclooxygenase-2 and phospholipase A2. *Journal of Nutrition*, **2005**, 135, 1847-53	4.1	47
3	Modulation of immune and inflammatory responses by dietary lipids. *Current Opinion in Lipidology*, **2004**, 15, 43-7	4.4	29

2	Ceramide-induced and age-associated increase in macrophage COX-2 expression is mediated through up-regulation of NF-kappa B activity. *Journal of Biological Chemistry*, **2003**, 278, 10983-92	5.4	88
1	Blueberry treatment administered before and/or after lipopolysaccharide stimulation attenuates inflammation and oxidative stress in rat microglial cells. *Nutritional Neuroscience*,1-11	3.6	0