

Dayong Wu

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

2,184
citations

361388

20
h-index

315719

38
g-index

55
all docs

55
docs citations

55
times ranked

4241
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of nanotechnology in improving bioavailability and bioactivity of diet-derived phytochemicals. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 363-376.	4.2	361
2	Nutritional Considerations for Healthy Aging and Reduction in Age-Related Chronic Disease. <i>Advances in Nutrition</i> , 2017, 8, 17-26.	6.4	273
3	Aging Up-Regulates Expression of Inflammatory Mediators in Mouse Adipose Tissue. <i>Journal of Immunology</i> , 2007, 179, 4829-4839.	0.8	246
4	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.	4.7	203
5	Age-associated changes in immune and inflammatory responses: impact of vitamin E intervention. <i>Journal of Leukocyte Biology</i> , 2008, 84, 900-914.	3.3	154
6	Mushrooms and Health Summit Proceedings. <i>Journal of Nutrition</i> , 2014, 144, 1128S-1136S.	2.9	112
7	Ceramide-induced and Age-associated Increase in Macrophage COX-2 Expression Is Mediated through Up-regulation of NF- κ B Activity. <i>Journal of Biological Chemistry</i> , 2003, 278, 10983-10992.	3.4	102
8	Detection and treatment of atherosclerosis using nanoparticles. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2017, 9, e1412.	6.1	89
9	The α -Tocopherol Form of Vitamin E Reverses Age-Associated Susceptibility to <i>Streptococcus pneumoniae</i> Lung Infection by Modulating Pulmonary Neutrophil Recruitment. <i>Journal of Immunology</i> , 2015, 194, 1090-1099.	0.8	77
10	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.	0.8	62
11	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, 1847-1853.	2.9	51
12	Healthy Aging—Nutrition Matters: Start Early and Screen Often. <i>Advances in Nutrition</i> , 2021, 12, 1438-1448.	6.4	47
13	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.	4.7	44
14	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.	3.8	35
15	Modulation of immune and inflammatory responses by dietary lipids. <i>Current Opinion in Lipidology</i> , 2004, 15, 43-47.	2.7	33
16	Recent Advances in Nanoencapsulation of Phytochemicals to Combat Obesity and Its Comorbidities. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 8119-8131.	5.2	30
17	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.	9.9	28
18	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.	2.5	26

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19	Anti-atherogenic effects of CD36-targeted epigallocatechin gallate-loaded nanoparticles. <i>Journal of Controlled Release</i> , 2019, 303, 263-273.	9.9	25
20	Naringenin Modifies the Development of Lineage-Specific Effector CD4+ T Cells. <i>Frontiers in Immunology</i> , 2018, 9, 2267.	4.8	24
21	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.	1.5	23
22	Dietary Fruit and Vegetable Supplementation Suppresses Diet-Induced Atherosclerosis in LDL Receptor Knockout Mice. <i>Journal of Nutrition</i> , 2021, 151, 902-910.	2.9	17
23	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, 260-266.	5.0	14
24	Xanthophyll β -Cryptoxanthin Inhibits Highly Refined Carbohydrate Diet-Induced Hepatocellular Carcinoma Progression in Mice. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e1900949.	3.3	14
25	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.	2.9	13
26	Indomethacin Enhances Brown Fat Activity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 365, 467-475.	2.5	12
27	Sexual dimorphism of monocyte transcriptome in individuals with chronic low-grade inflammation. <i>Biology of Sex Differences</i> , 2021, 12, 43.	4.1	12
28	Dietary β -Cryptoxanthin 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.	2.9	10
29	Nutrients and Immunometabolism: Role of Macrophage NLRP3. <i>Journal of Nutrition</i> , 2020, 150, 1693-1704.	2.9	10
30	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.	4.2	9
31	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.	2.9	7
32	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.	2.9	5
33	Lack of Differences in Inflammation and T Cell-Mediated Function between Young and Older Women with Obesity. <i>Nutrients</i> , 2020, 12, 237.	4.1	5
34	Luteolin Improves Insulin Resistance in Postmenopausal Obese Mice by Altering Macrophage Polarization (FS12-01-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz049.FS12-01-19.	0.3	4
35	Blueberry treatment administered before and/or after lipopolysaccharide stimulation attenuates inflammation and oxidative stress in rat microglial cells. <i>Nutritional Neuroscience</i> , 2023, 26, 127-137.	3.1	3
36	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, nzz029.OR05-02-19.	0.3	1

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37	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, nzz031.OR29-02-19.	0.3	1
38	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.	1.1	1
39	Aging increases expression of inflammatory mediators in mouse adipose tissue (AT). FASEB Journal, 2006, 20, A140.	0.5	1
40	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, nzz036.P13-025-19.	0.3	0
41	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, nzz031.OR29-01-19.	0.3	0
42	Î²-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, nzz029.FS06-03-192.	0.3	0
43	Dietary Fruit and Vegetable Supplementation Suppresses Diet-induced Atherosclerosis in LDL Receptor Knockout Mice (OR24-07-19). Current Developments in Nutrition, 2019, 3, nzz031.OR24-07-19.	0.3	0
44	Green tea catechin EGCG suppresses T cell-mediated function through inhibiting cell division and reducing cell survival. FASEB Journal, 2007, 21, A738.	0.5	0
45	<i>In vitro</i> supplementation with white button mushroom promotes maturation of bone marrow-derived dendritic cells in mice. FASEB Journal, 2007, 21, A737.	0.5	0
46	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.	0.5	0
47	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.	0.5	0
48	The effects of dietary antioxidants and age on hepatic CRP levels in rodents. FASEB Journal, 2010, 24, 342.7.	0.5	0
49	Lutein and Zeaxanthin Supplementation Suppresses Ocular and Systemic Inflammatory Response. FASEB Journal, 2011, 25, 95.6.	0.5	0
50	Aging modifies splenocyte DNA methylation in response to influenza infection. FASEB Journal, 2011, 25, 360.12.	0.5	0
51	Age Modulates Effect of Fish Oil on the Immune Response in an Ovalbumin Asthmatic Murine Model. FASEB Journal, 2012, 26, 115.5.	0.5	0
52	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.	0.5	0
53	Vitamin E reverses age-associated susceptibility to Streptococcus pneumoniae lung infection. FASEB Journal, 2013, 27, 357.5.	0.5	0
54	Differential effect of docosahexaenoic acid (DHA) versus myristic acid (MA) on inflammatory cytokines. FASEB Journal, 2013, 27, 127.5.	0.5	0

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55	Ablation of systemic SIRT1 activity promotes nonalcoholic fatty liver disease by affecting liverâ€mesenteric adipose tissue fatty acid mobilization. FASEB Journal, 2017, 31, 458.1.	0.5	0