

Xian Wu

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,272
citations

304743

22
h-index

377865

34
g-index

58
all docs

58
docs citations

58
times ranked

1329
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential health benefits of edible insects. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 3499-3508.	10.3	69
2	Gastrointestinal biotransformation and tissue distribution of pterostilbene after long-term dietary administration in mice. <i>Food Chemistry</i> , 2022, 372, 131213.	8.2	5
3	Characteristic flavor formation of thermally processed N-(1-deoxy- β -D-ribose-1-yl)-glycine: Decisive role of additional amino acids and promotional effect of glyoxal. <i>Food Chemistry</i> , 2022, 371, 131137.	8.2	14
4	Liposomal co-delivery strategy to improve stability and antioxidant activity of trans-resveratrol and naringenin. <i>International Journal of Food Science and Technology</i> , 2022, 57, 2701-2714.	2.7	8
5	Protective effects of non-extractable phenolics from strawberry against inflammation and colon cancer in vitro. <i>Food Chemistry</i> , 2022, 374, 131759.	8.2	12
6	Concise and efficient total synthesis of oxyphyllacinol, yakuchione-A and yakuchione-B. <i>Synthetic Communications</i> , 2022, 52, 513-520.	2.1	2
7	A comprehensive review of spermidine: Safety, health effects, absorption and metabolism, food materials evaluation, physical and chemical processing, and bioprocessing. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2022, 21, 2820-2842.	11.7	21
8	Gut Microbiota-Derived Resveratrol Metabolites, Dihydroresveratrol and Lunularin, Significantly Contribute to the Biological Activities of Resveratrol. <i>Frontiers in Nutrition</i> , 2022, 9, .	3.7	21
9	Mechanisms of Cannabidiol (CBD) in Cancer Treatment: A Review. <i>Biology</i> , 2022, 11, 817.	2.8	29
10	Guidelines for inflammation models in mice for food components. <i>EFood</i> , 2022, 3, .	3.1	3
11	Effect of extrusion processing and addition of purple sweet potatoes on the structural properties and <i>in vitro</i> digestibility of extruded rice. <i>Food and Function</i> , 2021, 12, 739-746.	4.6	14
12	Identification of 4 β -Demethyltangeretin as a Major Urinary Metabolite of Tangeretin in Mice and Its Anti-inflammatory Activities. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 4381-4391.	5.2	10
13	Concise and Efficient Synthesis of [6]-Paradol. <i>Organic Process Research and Development</i> , 2021, 25, 1360-1365.	2.7	3
14	Degradation of 2-Threityl-Thiazolidine-4-Carboxylic Acid and Corresponding Browning Accelerated by Trapping Reaction between Extra-Added Xylose and Released Cysteine during Maillard Reaction. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 10648-10656.	5.2	8
15	Combined Supplementation with Vitamin B-6 and Curcumin is Superior to Either Agent Alone in Suppressing Obesity-Promoted Colorectal Tumorigenesis in Mice. <i>Journal of Nutrition</i> , 2021, 151, 3678-3688.	2.9	3
16	Ultrasound-assisted alkaline proteinase extraction enhances the yield of pecan protein and modifies its functional properties. <i>Ultrasonics Sonochemistry</i> , 2021, 80, 105789.	8.2	36
17	Optimization of Supercritical CO ₂ Extraction of <i>Moringa oleifera</i> Seed Oil Using Response Surface Methodological Approach and Its Antioxidant Activity. <i>Frontiers in Nutrition</i> , 2021, 8, 829146.	3.7	9
18	Absorption and Transport Characteristics and Mechanisms of Carnosic Acid. <i>Biology</i> , 2021, 10, 1278.	2.8	6

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19	Identification of Xanthomicrol as a Major Metabolite of 5-Demethyltangeretin in Mouse Gastrointestinal Tract and Its Inhibitory Effects on Colon Cancer Cells. <i>Frontiers in Nutrition</i> , 2020, 7, 103.	3.7	6
20	Exploring the Antihyperglycemic Chemical Composition and Mechanisms of Tea Using Molecular Docking. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-12.	1.2	1
21	Bioactive Components of Polyphenol-Rich and Non-Polyphenol-Rich Cranberry Fruit Extracts and Their Chemopreventive Effects on Colitis-Associated Colon Cancer. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 6845-6853.	5.2	30
22	The chemopreventive effect of 5-demethylnobiletin, a unique citrus flavonoid, on colitis-driven colorectal carcinogenesis in mice is associated with its colonic metabolites. <i>Food and Function</i> , 2020, 11, 4940-4952.	4.6	23
23	Synergistic anticancer effects of curcumin and 3',4'-didemethylnobiletin in combination on colon cancer cells. <i>Journal of Food Science</i> , 2020, 85, 1292-1301.	3.1	15
24	Dietary cranberry suppressed colonic inflammation and alleviated gut microbiota dysbiosis in dextran sodium sulfate-treated mice. <i>Food and Function</i> , 2019, 10, 6331-6341.	4.6	67
25	The Combination of Curcumin and Salsalate is Superior to Either Agent Alone in Suppressing Pro-Cancerous Molecular Pathways and Colorectal Tumorigenesis in Obese Mice. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1801097.	3.3	17
26	Dietary Intake of <i>Pleurotus eryngii</i> Ameliorated Dextran Sulfate-Induced Colitis in Mice. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1801265.	3.3	54
27	Inhibitory effects of 7,7-dibromo-curcumin on 12-O-tetradecanoylphorbol-13-acetate-induced skin inflammation. <i>European Journal of Pharmacology</i> , 2019, 858, 172479.	3.5	8
28	Inhibitory effects of nobiletin and its major metabolites on lung tumorigenesis. <i>Food and Function</i> , 2019, 10, 7444-7452.	4.6	31
29	Polyphenols-rich extract from <i>Pleurotus eryngii</i> with growth inhibitory of HCT116 colon cancer cells and anti-inflammatory function in RAW264.7 cells. <i>Food and Function</i> , 2018, 9, 1601-1611.	4.6	43
30	A metabolite of nobiletin, 4-demethylnobiletin and atorvastatin synergistically inhibits human colon cancer cell growth by inducing G0/G1 cell cycle arrest and apoptosis. <i>Food and Function</i> , 2018, 9, 87-95.	4.6	48
31	Chemopreventive Effects of Whole Cranberry (<i>Vaccinium macrocarpon</i>) on Colitis-Associated Colon Tumorigenesis. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800942.	3.3	27
32	Synergism between luteolin and sulforaphane in anti-inflammation. <i>Food and Function</i> , 2018, 9, 5115-5123.	4.6	33
33	Anti-inflammatory effect of xanthomicrol, a major colonic metabolite of 5-demethyltangeretin. <i>Food and Function</i> , 2018, 9, 3104-3113.	4.6	18
34	Identification of terpenoids from <i>Rubus corchorifolius</i> L. f. leaves and their anti-proliferative effects on human cancer cells. <i>Food and Function</i> , 2017, 8, 1052-1060.	4.6	17
35	Nobiletin and its colonic metabolites suppress colitis-associated colon carcinogenesis by down-regulating iNOS, inducing antioxidative enzymes and arresting cell cycle progression. <i>Journal of Nutritional Biochemistry</i> , 2017, 42, 17-25.	4.2	66
36	Dietary 5-demethylnobiletin inhibits cigarette carcinogen NNK-induced lung tumorigenesis in mice. <i>Food and Function</i> , 2017, 8, 954-963.	4.6	23

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37	Novel <i>ent</i> -Kaurane Diterpenoid from <i>Rubus corchorifolius</i> L. f. Inhibits Human Colon Cancer Cell Growth via Inducing Cell Cycle Arrest and Apoptosis. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 1566-1573.	5.2	25
38	Synergistic chemopreventive effects of nobiletin and atorvastatin on colon carcinogenesis. <i>Carcinogenesis</i> , 2017, 38, 455-464.	2.8	43
39	Curcumin and Salsalate Suppresses Colonic Inflammation and Procarcinogenic Signaling in High-Fat-Fed, Azoxymethane-Treated Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 7200-7209.	5.2	15
40	Nobiletin and its colonic metabolites suppress colitis-associated colon carcinogenesis by downregulating iNOS, inducing anti-oxidative enzymes and arresting cell cycle progression. <i>FASEB Journal</i> , 2017, 31, 435.1.	0.5	0
41	Identification of pinostilbene as a major colonic metabolite of pterostilbene and its inhibitory effects on colon cancer cells. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 1924-1932.	3.3	69
42	Enhanced Anti-inflammatory Activities by the Combination of Luteolin and Tangeretin. <i>Journal of Food Science</i> , 2016, 81, H1320-7.	3.1	34
43	Inhibitory Effects of Metabolites of 5-Demethylnobiletin on Human Nonsmall Cell Lung Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 4943-4949.	5.2	40
44	Gastrointestinal biotransformation of resveratrol in mice. <i>FASEB Journal</i> , 2016, 30, 145.7.	0.5	6
45	Biotransformation of 5-demethyltangeretin in mice: generation of anti-cancer metabolites. <i>FASEB Journal</i> , 2016, 30, 145.1.	0.5	0
46	The Heat Shock Protein 70 is a Novel Target for Nobiletin in Human Colon Cancer Cells. <i>FASEB Journal</i> , 2016, 30, 691.2.	0.5	0
47	Chemopreventive effects of nobiletin and its colonic metabolites on colon carcinogenesis. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 2383-2394.	3.3	75
48	Direct Fluorescent Detection of a Polymethoxyflavone in Cell Culture and Mouse Tissue. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 10620-10627.	5.2	9
49	Inhibitory Effects of 4-Demethylnobiletin, a Metabolite of Nobiletin, on 12-O-Tetradecanoylphorbol-13-acetate (TPA)-Induced Inflammation in Mouse Ears. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 10921-10927.	5.2	35
50	Anti-inflammatory effects of 4-demethylnobiletin, a major metabolite of nobiletin. <i>Journal of Functional Foods</i> , 2015, 19, 278-287.	3.4	49
51	Chemopreventive effects of North American cranberry (<i>Vaccinium Macrocarpon</i>) on colitis-associated colon carcinogenesis in mice. <i>FASEB Journal</i> , 2015, 29, 380.2.	0.5	0
52	Nobiletin and atorvastatin synergistically inhibit azoxymethane (AOM)-induced colon carcinogenesis in rats. <i>FASEB Journal</i> , 2015, 29, 271.2.	0.5	0
53	Chemopreventive Effects of Nobiletin on Azoxymethane-Induced Colon Carcinogenesis in Rats is Associated with Inhibition of Heat Shock Proteins. <i>FASEB Journal</i> , 2015, 29, 752.20.	0.5	0
54	Nobiletin inhibits colitis-associated colon carcinogenesis in mice (121.6). <i>FASEB Journal</i> , 2014, 28, 121.6.	0.5	0

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55	Tissue distribution and metabolism of 5- <i>demethylnobiletin</i> after its long-term dietary administration in mice (270.5). <i>FASEB Journal</i> , 2014, 28, 270.5.	0.5	1
56	In vitro and in vivo anti-inflammatory effect of 4-hydroxynobiletin, a major colonic metabolite of nobiletin. <i>FASEB Journal</i> , 2013, 27, 862.26.	0.5	0
57	Synergistic Anti-inflammatory Effects of Luteolin and Tangeretin on Lipopolysaccharide-Stimulated Raw 264.7 Cells. <i>FASEB Journal</i> , 2013, 27, 862.15.	0.5	0
58	Synergistic Anti-inflammatory Effects of Nobiletin and Sulforaphane in Lipopolysaccharide-Stimulated RAW 264.7 Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 2157-2164.	5.2	71