Haixia Yang

List of Publications by Year
in descending order

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64 papers	2,024 citations	185998 28 h-index	264894 42 g-index
64 all docs	64 docs citations	64 times ranked	2877 citing authors

#	Article	IF	Citations
1	Nuciferine ameliorates hepatic steatosis in highâ€fat diet/streptozocinâ€induced diabetic mice through a PPARÎ±/PPARÎ³ coactivatorâ€1Î± pathway. British Journal of Pharmacology, 2018, 175, 4218-4228.	2.7	132
2	A common antimicrobial additive increases colonic inflammation and colitis-associated colon tumorigenesis in mice. Science Translational Medicine, 2018, 10, .	5.8	117
3	Procyanidin B2 inhibits NLRP3 inflammasome activation in human vascular endothelial cells. Biochemical Pharmacology, 2014, 92, 599-606.	2.0	96
4	Preoperative stimulation of resolution and inflammation blockade eradicates micrometastases. Journal of Clinical Investigation, 2019, 129, 2964-2979.	3.9	94
5	Protective effect of ginsenoside Rg5 against kidney injury via inhibition of NLRP3 inflammasome activation and the MAPK signaling pathway in high-fat diet/streptozotocin-induced diabetic mice. Pharmacological Research, 2020, 155, 104746.	3.1	88
6	Structureâ€“Activity Relationship of Curcumin: Role of the Methoxy Group in Anti-inflammatory and Anticolitis Effects of Curcumin. Journal of Agricultural and Food Chemistry, 2017, 65, 4509-4515.	2.4	66
7	Lipidomic profiling reveals soluble epoxide hydrolase as a therapeutic target of obesity-induced colonic inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5283-5288.	3.3	59
8	Protective effects of ginsenoside Rk3 against chronic alcohol-induced liver injury in mice through inhibition of inflammation, oxidative stress, and apoptosis. Food and Chemical Toxicology, 2019, 126, 277-284.	1.8	59
9	Kiwifruit seed oil prevents obesity by regulating inflammation, thermogenesis, and gut microbiota in high-fat diet-induced obese C57BL/6 mice. Food and Chemical Toxicology, 2019, 125, 85-94.	1.8	59
10	Bioactive procyanidins from dietary sources: The relationship between bioactivity and polymerization degree. Trends in Food Science and Technology, 2021, 111, 114-127.	7.8	57
11	Protopanaxadiol and Protopanaxatriol-Type Saponins Ameliorate Glucose and Lipid Metabolism in Type 2 Diabetes Mellitus in High-Fat Diet/Streptozocin-Induced Mice. Frontiers in Pharmacology, 2017, 8, 506.	1.6	52
12	Hypoglycemic Effect of Ginsenoside Rg5 Mediated Partly by Modulating Gut Microbiota Dysbiosis in Diabetic db/db Mice. Journal of Agricultural and Food Chemistry, 2020, 68, 5107-5117.	2.4	52
13	Resolution of eicosanoid/cytokine storm prevents carcinogen and inflammation-initiated hepatocellular cancer progression. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21576-21587.	3.3	48
14	A novel EP-involved pathway for iron release from soya bean seed ferritin. Biochemical Journal, 2010, 427, 313-321.	1.7	45
15	Targeted Metabolomics Identifies the Cytochrome P450 Monooxygenase Eicosanoid Pathway as a Novel Therapeutic Target of Colon Tumorigenesis. Cancer Research, 2019, 79, 1822-1830.	0.4	45
16	Nuciferine relaxes rat mesenteric arteries through endotheliumâ€dependent and â€independent mechanisms. British Journal of Pharmacology, 2015, 172, 5609-5618.	2.7	40
17	Extraction Optimization of Polyphenols from Waste Kiwi Fruit Seeds (Actinidia chinensis Planch.) and Evaluation of Its Antioxidant and Anti-Inflammatory Properties. Molecules, 2016, 21, 832.	1.7	40
18	Two Novel Exopolysaccharides from Bacillus amyloliquefaciens C-1: Antioxidation and Effect on Oxidative Stress. Current Microbiology, 2015, 70, 298-306.	1.0	39

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19	Microbial enzymes induce colitis by reactivating triclosan in the mouse gastrointestinal tract. Nature Communications, 2022, 13, 136.	5.8	39
20	Role of H-1 and H-2 Subunits of Soybean Seed Ferritin in Oxidative Deposition of Iron in Protein. Journal of Biological Chemistry, 2010, 285, 32075-32086.	1.6	38
21	Chemistry and biology of ï‰-3 PUFA peroxidation-derived compounds. Prostaglandins and Other Lipid Mediators, 2017, 132, 84-91.	1.0	37
22	Sesamin ameliorates hepatic steatosis and inflammation in rats on a high-fat diet via LXRÎ± and PPARÎ±. Nutrition Research, 2016, 36, 1022-1030.	1.3	36
23	Comparative study on composition, physicochemical and antioxidant characteristics of different varieties of kiwifruit seed oil in China. Food Chemistry, 2018, 264, 411-418.	4.2	36
24	Ginsenoside Rk3 Ameliorates Obesity-Induced Colitis by Regulating of Intestinal Flora and the TLR4/NF-Î²B Signaling Pathway in C57BL/6 Mice. Journal of Agricultural and Food Chemistry, 2021, 69, 3082-3093.	2.4	35
25	Protein Association and Dissociation Regulated by Extension Peptide: A Mode for Iron Control by Phytoferritin in Seeds. Plant Physiology, 2010, 154, 1481-1491.	2.3	34
26	Lipidomic profiling of highâ€fat dietâ€induced obesity in mice: Importance of cytochrome P450â€derived fatty acid epoxides. Obesity, 2017, 25, 132-140.	1.5	34
27	Intraperitoneal injection of 4-hydroxynonenal (4-HNE), a lipid peroxidation product, exacerbates colonic inflammation through activation of Toll-like receptor 4 signaling. Free Radical Biology and Medicine, 2019, 131, 237-242.	1.3	34
28	Sesamin Ameliorates High-Fat Dietâ€“Induced Dyslipidemia and Kidney Injury by Reducing Oxidative Stress. Nutrients, 2016, 8, 276.	1.7	32
29	Chitinase III in pomegranate seeds (Punica granatum Linn.): a highâ€capacity calciumâ€binding protein in amyloplasts. Plant Journal, 2011, 68, 765-776.	2.8	29
30	Kiwifruit seed oil ameliorates inflammation and hepatic fat metabolism in high-fat diet-induced obese mice. Journal of Functional Foods, 2019, 52, 715-723.	1.6	29
31	Triclocarban exposure exaggerates colitis and colon tumorigenesis: roles of gut microbiota involved. Gut Microbes, 2020, 12, 1690364.	4.3	29
32	Nuciferine Inhibits Proinflammatory Cytokines via the PPARs in LPS-Induced RAW264.7 Cells. Molecules, 2018, 23, 2723.	1.7	27
33	A novel calcium supplement prepared by phytoferritin nanocages protects against absorption inhibitors through a unique pathway. Bone, 2014, 64, 115-123.	1.4	26
34	Monomeric catechin and dimeric procyanidin B2 against human norovirus surrogates and their physicochemical interactions. Food Microbiology, 2018, 76, 346-353.	2.1	23
35	Effects of Consumer Antimicrobials Benzalkonium Chloride, Benzethonium Chloride, and Chloroxylenol on Colonic Inflammation and Colitis-Associated Colon Tumorigenesis in Mice. Toxicological Sciences, 2018, 163, 490-499.	1.4	22
36	Effect of Stay-Green Wheat, a Novel Variety of Wheat in China, on Glucose and Lipid Metabolism in High-Fat Diet Induced Type 2 Diabetic Rats. Nutrients, 2015, 7, 5143-5155.	1.7	21

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37	Ginsenoside Rg5 relieves type 2 diabetes by improving hepatic insulin resistance in db/db mice. Journal of Functional Foods, 2020, 71, 104014.	1.6	21
38	The Anticancer Activity and Mechanisms of Ginsenosides: An Updated Review. EFood, 2020, 1, 226-241.	1.7	20
39	Retinoid acid receptor-related orphan receptor alpha (RORÎ±) regulates macrophage M2 polarization via activation of AMPKÎ±. Molecular Immunology, 2016, 80, 17-23.	1.0	19
40	Extraction Optimization and Functional Properties of Proteins from Kiwi Fruit(Actinidia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td	1.3	18
41	Effects of high-fat diet on plasma profiles of eicosanoid metabolites in mice. Prostaglandins and Other Lipid Mediators, 2016, 127, 9-13.	1.0	18
42	Oleanolic acid ameliorates high glucose-induced endothelial dysfunction via PPARÎ´ activation. Scientific Reports, 2017, 7, 40237.	1.6	16
43	Technological aspects and stability of polyphenols. , 2018, , 295-323.		16
44	Ginsenoside Rg5 Improves Insulin Resistance and Mitochondrial Biogenesis of Liver via Regulation of the Sirt1/PGC-1Î± Signaling Pathway in db/db Mice. Journal of Agricultural and Food Chemistry, 2021, 69, 8428-8439.	2.4	16
45	Homocysteine downregulates gene expression of heme oxygenase-1 in hepatocytes. Nutrition and Metabolism, 2014, 11, 55.	1.3	15
46	Fluorescence Spectroscopic Studies on the Interaction of Oleanolic Acid and its Triterpenoid Saponins Derivatives with Two Serum Albumins. Journal of Solution Chemistry, 2014, 43, 774-786.	0.6	14
47	Salvianolic acid B suppresses EMT and apoptosis to lessen drug resistance through AKT/mTOR in gastric cancer cells. Cytotechnology, 2021, 73, 49-61.	0.7	13
48	Eicosanoid regulation of debris-stimulated metastasis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	12
49	Peroxisome proliferatorâ€activated receptor Î± ligands and modulators from dietary compounds: <scp>T</scp>ypes, screening methods and functions. Journal of Diabetes, 2017, 9, 341-352.	0.8	11
50	Metabolic fate of environmental chemical triclocarban in colon tissues: roles of gut microbiota involved. Science of the Total Environment, 2021, 787, 147677.	3.9	10
51	Homocysteine upregulates hepcidin expression through BMP6/SMAD signaling pathway in hepatocytes. Biochemical and Biophysical Research Communications, 2016, 471, 303-308.	1.0	9
52	Synthesis and Characterization of Fluorinated Bisphenols and Tetraphenols via a Simple One-Pot Reaction. Synthetic Communications, 2013, 43, 2319-2325.	1.1	7
53	Click chemistry approach to characterize curcumin-protein interactions in vitro and in vivo. Journal of Nutritional Biochemistry, 2019, 68, 1-6.	1.9	7
54	High-capacity calcium-binding chitinase III from pomegranate seeds (Punica granatumLinn.) is located in amyloplasts. Plant Signaling and Behavior, 2011, 6, 1963-1965.	1.2	5

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55	Effects of <scp>HHP</scp> on Microorganisms, Enzyme Inactivation and Physicochemical Properties of Instant Oats and Rice. Journal of Food Process Engineering, 2014, 37, 191-198.	1.5	5
56	Consumer Antimicrobials on Gut Microbiota and Gut Health. DNA and Cell Biology, 2019, 38, 7-9.	0.9	5
57	Taraxasterol suppresses cell proliferation and boosts cell apoptosis via inhibiting GPD2-mediated glycolysis in gastric cancer. Cytotechnology, 2021, 73, 815-825.	0.7	5
58	Identification of four low molecular and waterâ€soluble proteins from grape (Vitis vinifera L.) seeds. International Journal of Food Science and Technology, 2010, 45, 1243-1249.	1.3	3
59	Identification of seven water-soluble non-storage proteins from pomegranate (Punica granatum Linn.) seeds. Food Science and Technology International, 2012, 18, 329-338.	1.1	3
60	Synthesis and characterization of novel sulfur-containing 2-(1H-pyrrolyl) carboxylic acids and their effects on garlic greening. European Food Research and Technology, 2010, 231, 555-561.	1.6	2
61	A Novel Reversibly Glycosylated Polypeptide-2 of Bee Pollen from Rape (Brassica napus L.): Purification and Characterization. Protein and Peptide Letters, 2021, 28, 543-553.	0.4	2
62	Conformational Study of Kiwi Fruit (Actinidia chinensis Planch.) Seed Protein Isolates by Fluorescence Spectroscopy. Asian Journal of Chemistry, 2014, 26, 6435-6439.	0.1	2
63	Effect of traditional Chinese medicine nursing on postoperative patients with gastric cancer and its impact on quality of life. American Journal of Translational Research (discontinued), 2021, 13, 5589-5595.	0.0	1
64	Click chemistry-based imaging to study the tissue distribution of the curcuminâ€“protein complex in mice. Food and Function, 2020, 11, 1684-1691.	2.1	0