

Weicang Wang

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.

43
papers

862
citations

18
h-index

28
g-index

45
ext. papers

1,145
ext. citations

7.1
avg, IF

4.26
L-index

#	Paper	IF	Citations
43	Ω ₃ polyunsaturated fatty acids-derived lipid metabolites on angiogenesis, inflammation and cancer. <i>Prostaglandins and Other Lipid Mediators</i> , 2014 , 113-115, 13-20	3.7	97
42	Eicosanoids: The Overlooked Storm in Coronavirus Disease 2019 (COVID-19)?. <i>American Journal of Pathology</i> , 2020 , 190, 1782-1788	5.8	68
41	A common antimicrobial additive increases colonic inflammation and colitis-associated colon tumorigenesis in mice. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	62
40	Dietary Intake of Whole Strawberry Inhibited Colonic Inflammation in Dextran-Sulfate-Sodium-Treated Mice via Restoring Immune Homeostasis and Alleviating Gut Microbiota Dysbiosis. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 9168-9177	5.7	47
39	The REG1 proteasome forms a regulatory circuit with IκB and NF-κB in experimental colitis. <i>Nature Communications</i> , 2016 , 7, 10761	17.4	45
38	Lipidomic profiling reveals soluble epoxide hydrolase as a therapeutic target of obesity-induced colonic inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 5283-5288	11.5	44
37	Structure-Activity Relationship of Curcumin: Role of the Methoxy Group in Anti-inflammatory and Anticolitis Effects of Curcumin. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 4509-4515	5.7	39
36	Effects of Stable Degradation Products of Curcumin on Cancer Cell Proliferation and Inflammation. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 9189-9195	5.7	33
35	REG1 Controls Hippo Signaling and Reciprocal NF-κB-YAP Regulation to Promote Colon Cancer. <i>Clinical Cancer Research</i> , 2018 , 24, 2015-2025	12.9	31
34	Redox modulation of curcumin stability: Redox active antioxidants increase chemical stability of curcumin. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 487-94	5.9	31
33	Chemistry and biology of Ω ₃ PUFA peroxidation-derived compounds. <i>Prostaglandins and Other Lipid Mediators</i> , 2017 , 132, 84-91	3.7	29
32	Targeted Metabolomics Identifies the Cytochrome P450 Monooxygenase Eicosanoid Pathway as a Novel Therapeutic Target of Colon Tumorigenesis. <i>Cancer Research</i> , 2019 , 79, 1822-1830	10.1	29
31	Foodborne Titanium Dioxide Nanoparticles Induce Stronger Adverse Effects in Obese Mice than Non-Obese Mice: Gut Microbiota Dysbiosis, Colonic Inflammation, and Proteome Alterations. <i>Small</i> , 2020 , 16, e2001858	11	25
30	Lipidomic profiling of high-fat diet-induced obesity in mice: Importance of cytochrome P450-derived fatty acid epoxides. <i>Obesity</i> , 2017 , 25, 132-140	8	22
29	Resolution of eicosanoid/cytokine storm prevents carcinogen and inflammation-initiated hepatocellular cancer progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 21576-21587	11.5	22
28	Ω ₃ Polyunsaturated fatty acids and their cytochrome P450-derived metabolites suppress colorectal tumor development in mice. <i>Journal of Nutritional Biochemistry</i> , 2017 , 48, 29-35	6.3	21
27	An anaerobic bacterium host system for heterologous expression of natural product biosynthetic gene clusters. <i>Nature Communications</i> , 2019 , 10, 3665	17.4	18

26	Eicosanoid signaling in carcinogenesis of colorectal cancer. <i>Cancer and Metastasis Reviews</i> , 2018 , 37, 257-267	267	18
25	Intraperitoneal injection of 4-hydroxynonenal (4-HNE), a lipid peroxidation product, exacerbates colonic inflammation through activation of Toll-like receptor 4 signaling. <i>Free Radical Biology and Medicine</i> , 2019 , 131, 237-242	7.8	17
24	Site-specific acetylation of the proteasome activator REG1 directs its heptameric structure and functions. <i>Journal of Biological Chemistry</i> , 2013 , 288, 16567-16578	5.4	16
23	In vitro and in vivo inhibitory effects of a <i>Pleurotus eryngii</i> protein on colon cancer cells. <i>Food and Function</i> , 2017 , 8, 3553-3562	6.1	14
22	Curcumin inhibits lymphangiogenesis in vitro and in vivo. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 2345-54	5.9	14
21	Effects of high-fat diet on plasma profiles of eicosanoid metabolites in mice. <i>Prostaglandins and Other Lipid Mediators</i> , 2016 , 127, 9-13	3.7	14
20	Effects of Consumer Antimicrobials Benzalkonium Chloride, Benzethonium Chloride, and Chloroxylenol on Colonic Inflammation and Colitis-Associated Colon Tumorigenesis in Mice. <i>Toxicological Sciences</i> , 2018 , 163, 490-499	4.4	13
19	Triclocarban exposure exaggerates colitis and colon tumorigenesis: roles of gut microbiota involved. <i>Gut Microbes</i> , 2020 , 12, 1690364	8.8	13
18	Soluble epoxide hydrolase is an endogenous regulator of obesity-induced intestinal barrier dysfunction and bacterial translocation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 8431-8436	11.5	11
17	Allicin inhibits lymphangiogenesis through suppressing activation of vascular endothelial growth factor (VEGF) receptor. <i>Journal of Nutritional Biochemistry</i> , 2016 , 29, 83-9	6.3	11
16	Triclocarban Exposure Exaggerates Spontaneous Colonic Inflammation in Il-10-/- Mice. <i>Toxicological Sciences</i> , 2020 , 174, 92-99	4.4	11
15	Mapping of Pesticide Transmission on Biological Tissues by Surface Enhanced Raman Microscopy with a Gold Nanoparticle Mirror. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 44894-44904	9.5	10
14	Oxidative Conversion Mediates Antiproliferative Effects of tert-Butylhydroquinone: Structure and Activity Relationship Study. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 3743-8	5.7	9
13	Click chemistry approach to characterize curcumin-protein interactions in vitro and in vivo. <i>Journal of Nutritional Biochemistry</i> , 2019 , 68, 1-6	6.3	6
12	REG1 controls Th17 cell differentiation and autoimmune inflammation by regulating dendritic cells. <i>Cellular and Molecular Immunology</i> , 2020 , 17, 1136-1147	15.4	4
11	Structure and activity relationship of curcumin: role of methoxy group in anti-inflammatory and anti-colitis effects of curcumin. <i>FASEB Journal</i> , 2017 , 31, 972.24	0.9	3
10	trans, trans-2,4-Decadienal, a lipid peroxidation product, induces inflammatory responses via Hsp90- or 14-3-3-dependent mechanisms. <i>Journal of Nutritional Biochemistry</i> , 2020 , 76, 108286	6.3	3
9	EB Polyunsaturated Fatty Acids on Colonic Inflammation and Colon Cancer: Roles of Lipid-Metabolizing Enzymes Involved. <i>Nutrients</i> , 2020 , 12,	6.7	3

8	Cytochrome P450 monooxygenase-mediated eicosanoid pathway: A potential mechanistic linkage between dietary fatty acid consumption and colon cancer risk. <i>Food Science and Human Wellness</i> , 2019 , 8, 337-343	8.3	3
7	Consumer Antimicrobials on Gut Microbiota and Gut Health. <i>DNA and Cell Biology</i> , 2019 , 38, 7-9	3.6	3
6	Cytochrome P450 Eicosanoid Signaling Pathway in Colorectal Tumorigenesis. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1161, 115-123	3.6	2
5	Food Additives: Foodborne Titanium Dioxide Nanoparticles Induce Stronger Adverse Effects in Obese Mice than Non-Obese Mice: Gut Microbiota Dysbiosis, Colonic Inflammation, and Proteome Alterations (Small 36/2020). <i>Small</i> , 2020 , 16, 2070199	11	0
4	Click chemistry-based imaging to study the tissue distribution of the curcumin-protein complex in mice. <i>Food and Function</i> , 2020 , 11, 1684-1691	6.1	
3	Chemoprevention of Aflatoxin B1-Induced Cytokine Storm and Tumor Dormancy Escape via Dual COX-2/sEH Inhibition. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
2	Manipulation of Curcumin Degradation to Enhance its Stability and Biological Activity. <i>FASEB Journal</i> , 2017 , 31, 972.25	0.9	
1	REGIMediated Regulation of p21 ^{Waf/Cip1} , p16 ^{INK4a} and p14 ^{ARF} /p19 ^{ARF} ; <i>in Vivo</i> . <i>Journal of Cancer Therapy</i> , 2013 , 04, 933-938	0.2	