

Weicang Wang

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,369
citations

331538

21
h-index

345118

36
g-index

45
all docs

45
docs citations

45
times ranked

2381
citing authors

#	ARTICLE	IF	CITATIONS
1	A common antimicrobial additive increases colonic inflammation and colitis-associated colon tumorigenesis in mice. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	117
2	Eicosanoids. <i>American Journal of Pathology</i> , 2020, 190, 1782-1788.	1.9	115
3	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.	1.0	112
4	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.	2.4	84
5	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.	2.4	66
6	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.	5.2	60
7	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.	3.3	59
8	Redox modulation of curcumin stability: Redox active antioxidants increase chemical stability of curcumin. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 487-494.	1.5	53
9	The REG1 ³ -proteasome forms a regulatory circuit with I κ B α and NF κ B in experimental colitis. <i>Nature Communications</i> , 2016, 7, 10761.	5.8	52
10	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.	3.3	48
11	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.	0.4	45
12	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.	2.4	42
13	REG1 ³ Controls Hippo Signaling and Reciprocal NF κ B-YAP Regulation to Promote Colon Cancer. <i>Clinical Cancer Research</i> , 2018, 24, 2015-2025.	3.2	41
14	An anaerobic bacterium host system for heterologous expression of natural product biosynthetic gene clusters. <i>Nature Communications</i> , 2019, 10, 3665.	5.8	38
15	Chemistry and biology of ω-3 PUFA peroxidation-derived compounds. <i>Prostaglandins and Other Lipid Mediators</i> , 2017, 132, 84-91.	1.0	37
16	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.	1.5	34
17	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.	1.3	34
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.	3.3	32

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19	̑-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.	1.9	31
20	Triclocarban exposure exaggerates colitis and colon tumorigenesis: roles of gut microbiota involved. <i>Gut Microbes</i> , 2020, 12, 1690364.	4.3	29
21	Effects of Consumer Antimicrobials Benzalkonium Chloride, Benzethonium Chloride, and Chloroxyleneol on Colonic Inflammation and Colitis-Associated Colon Tumorigenesis in Mice. <i>Toxicological Sciences</i> , 2018, 163, 490-499.	1.4	22
22	Eicosanoid signaling in carcinogenesis of colorectal cancer. <i>Cancer and Metastasis Reviews</i> , 2018, 37, 257-267.	2.7	22
23	Curcumin inhibits lymphangiogenesis in vitro and in vivo. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 2345-2354.	1.5	19
24	Effects of high-fat diet on plasma profiles of eicosanoid metabolites in mice. <i>Prostaglandins and Other Lipid Mediators</i> , 2016, 127, 9-13.	1.0	18
25	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.	4.0	17
26	Triclocarban Exposure Exaggerates Spontaneous Colonic Inflammation in IL-10 ^{-/-} Mice. <i>Toxicological Sciences</i> , 2020, 174, 92-99.	1.4	17
27	Site-specific Acetylation of the Proteasome Activator REG γ Directs Its Heptameric Structure and Functions. <i>Journal of Biological Chemistry</i> , 2013, 288, 16567-16578.	1.6	16
28	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.	2.1	16
29	Allicin inhibits lymphangiogenesis through suppressing activation of vascular endothelial growth factor (VEGF) receptor. <i>Journal of Nutritional Biochemistry</i> , 2016, 29, 83-89.	1.9	15
30	̑-3 Polyunsaturated Fatty Acids on Colonic Inflammation and Colon Cancer: Roles of Lipid-Metabolizing Enzymes Involved. <i>Nutrients</i> , 2020, 12, 3301.	1.7	15
31	Oxidative Conversion Mediates Antiproliferative Effects of <i>tert</i> -Butylhydroquinone: Structure and Activity Relationship Study. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 3743-3748.	2.4	14
32	REG γ controls Th17 cell differentiation and autoimmune inflammation by regulating dendritic cells. <i>Cellular and Molecular Immunology</i> , 2020, 17, 1136-1147.	4.8	12
33	trans, trans-2,4-Decadienal, a lipid peroxidation product, induces inflammatory responses via Hsp90- or 14 α -3 β -dependent mechanisms. <i>Journal of Nutritional Biochemistry</i> , 2020, 76, 108286.	1.9	10
34	Click chemistry approach to characterize curcumin-protein interactions in vitro and in vivo. <i>Journal of Nutritional Biochemistry</i> , 2019, 68, 1-6.	1.9	7
35	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.	2.2	5
36	Consumer Antimicrobials on Gut Microbiota and Gut Health. <i>DNA and Cell Biology</i> , 2019, 38, 7-9.	0.9	5

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37	Cytochrome P450 Eicosanoid Signaling Pathway in Colorectal Tumorigenesis. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1161, 115-123.	0.8	3
38	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.	0.2	3
39	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.	5.2	2
40	Front cover: Redox modulation of curcumin stability: Redox active antioxidants increase chemical stability of curcumin. <i>Molecular Nutrition and Food Research</i> , 2016, 60, NA.	1.5	1
41	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.	0.2	1
42	Redox Modulation of Curcumin Stability: Redox Active Antioxidants Increase Chemical Stability and Biological Activity of Curcumin. <i>Free Radical Biology and Medicine</i> , 2015, 87, S98.	1.3	0
43	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.	2.1	0
44	REG1 ³ Mediated Regulation of p21 ^{Waf/Cip1} , p16 ^{INK4a} and p14 ^{ARF} /p19 ^{ARF} & in Vivo. <i>Journal of Cancer Therapy</i> , 2013, 04, 933-938.	0.1	0
45	Manipulation of Curcumin Degradation to Enhance its Stability and Biological Activity. <i>FASEB Journal</i> , 2017, 31, 972.25.	0.2	0