Yijun Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/390425/publications.pdf

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50	2,333	257450	214800
papers	citations	24	47
		h-index	g-index

51	51	51	2875
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechanisms of body weight reduction and metabolic syndrome alleviation by tea. Molecular Nutrition and Food Research, 2016, 60, 160-174.	3.3	290
2	Tea aroma formation from six model manufacturing processes. Food Chemistry, 2019, 285, 347-354.	8.2	218
3	The anti-obesity effects of green tea in human intervention and basic molecular studies. European Journal of Clinical Nutrition, 2014, 68, 1075-1087.	2.9	180
4	Impact of Six Typical Processing Methods on the Chemical Composition of Tea Leaves Using a Single Camellia sinensis Cultivar, Longjing 43. Journal of Agricultural and Food Chemistry, 2019, 67, 5423-5436.	5.2	151
5	The absorption, distribution, metabolism and excretion of procyanidins. Food and Function, 2016, 7, 1273-1281.	4.6	139
6	Green tea polyphenol (â^')-epigallocatechin-3-gallate triggered hepatotoxicity in mice: Responses of major antioxidant enzymes and the Nrf2 rescue pathway. Toxicology and Applied Pharmacology, 2015, 283, 65-74.	2.8	125
7	Effects of different dietary polyphenols on conformational changes and functional properties of proteinâ€“polyphenol covalent complexes. Food Chemistry, 2021, 361, 130071.	8.2	99
8	LC-MS-Based Metabolomics Reveals the Chemical Changes of Polyphenols during High-Temperature Roasting of Large-Leaf Yellow Tea. Journal of Agricultural and Food Chemistry, 2019, 67, 5405-5412.	5.2	93
9	Certain (â^')-epigallocatechin-3-gallate (EGCG) auto-oxidation products (EAOPs) retain the cytotoxic activities of EGCG. Food Chemistry, 2016, 204, 218-226.	8.2	73
10	Inverse relationship between elemental selenium nanoparticle size and inhibition of cancer cell growth inÂvitro and inÂvivo. Food and Chemical Toxicology, 2015, 85, 71-77.	3.6	64
11	SARS-CoV-2 suppresses mRNA expression of selenoproteins associated with ferroptosis, endoplasmic reticulum stress and DNA synthesis. Food and Chemical Toxicology, 2021, 153, 112286.	3.6	56
12	Multivariate effects of Chinese keemun black tea grades (Camellia sinensis var. sinensis) on the phenolic composition, antioxidant, antihemolytic and cytotoxic/cytoprotection activities. Food Research International, 2019, 125, 108516.	6.2	52
13	Safety and anti-hyperglycemic efficacy of various tea types in mice. Scientific Reports, 2016, 6, 31703.	3.3	51
14	Green tea polyphenols and epigallocatechin-3-gallate protect against perfluorodecanoic acid induced liver damage and inflammation in mice by inhibiting NLRP3 inflammasome activation. Food Research International, 2020, 127, 108628.	6.2	49
15	Protective Effect and Mechanism of Theanine on Lipopolysaccharide-Induced Inflammation and Acute Liver Injury in Mice. Journal of Agricultural and Food Chemistry, 2018, 66, 7674-7683.	5.2	48
16	Inhibition of lung tumor growth by targeting EGFR/VEGFR-Akt/NF-ÎºB pathways with novel theanine derivatives. Oncotarget, 2014, 5, 8528-8543.	1.8	46
17	Novel Acylated Flavonol Tetraglycoside with Inhibitory Effect on Lipid Accumulation in 3T3-L1 Cells from Luâ€™an GuaPian Tea and Quantification of Flavonoid Glycosides in Six Major Processing Types of Tea. Journal of Agricultural and Food Chemistry, 2017, 65, 2999-3005.	5.2	46
18	Encapsulated nanoepigallocatechin-3-gallate and elemental selenium nanoparticles as paradigms for nanochemoprevention. International Journal of Nanomedicine, 2012, 7, 1711.	6.7	45

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19	Roasting improves the hypoglycemic effects of a large-leaf yellow tea infusion by enhancing the levels of epimerized catechins that inhibit Î±-glucosidase. Food and Function, 2018, 9, 5162-5168.	4.6	39
20	Ameliorative effects of L-theanine on dextran sulfate sodium induced colitis in C57BL/6J mice are associated with the inhibition of inflammatory responses and attenuation of intestinal barrier disruption. Food Research International, 2020, 137, 109409.	6.2	39
21	Green tea polyphenols prevent lipopolysaccharide-induced inflammatory liver injury in mice by inhibiting NLRP3 inflammasome activation. Food and Function, 2019, 10, 3898-3908.	4.6	38
22	Green tea infusion protects against alcoholic liver injury by attenuating inflammation and regulating the PI3K/Akt/eNOS pathway in C57BL/6 mice. Food and Function, 2017, 8, 3165-3177.	4.6	35
23	Characterization of Brazilian coffee based on isotope ratio mass spectrometry (Î´13C, Î´18O, Î´2H, and Î´15N) and supervised chemometrics. Food Chemistry, 2019, 297, 124963.	8.2	28
24	Critical factors determining fluoride concentration in tea leaves produced from Anhui province, China. Ecotoxicology and Environmental Safety, 2016, 131, 14-21.	6.0	26
25	TBC2health: a database of experimentally validated health-beneficial effects of tea bioactive compounds. Briefings in Bioinformatics, 2017, 18, bbw055.	6.5	24
26	Green tea polyphenol epigallocatechin-3-gallate alleviates nonalcoholic fatty liver disease and ameliorates intestinal immunity in mice fed a high-fat diet. Food and Function, 2020, 11, 9924-9935.	4.6	23
27	Inhibition of glutathione synthesis eliminates the adaptive response of ascitic hepatoma 22 cells to nedaplatin that targets thioredoxin reductase. Toxicology and Applied Pharmacology, 2012, 265, 342-350.	2.8	20
28	Theanine supplementation prevents liver injury and heat shock response by normalizing hypothalamic-pituitaryadrenal axis hyperactivity in mice subjected to whole body heat stress. Journal of Functional Foods, 2018, 45, 181-189.	3.4	20
29	Black Tea Quality is Highly Affected during Processing by its Leaf Surface Microbiome. Journal of Agricultural and Food Chemistry, 2021, 69, 7115-7126.	5.2	19
30	Theanine: the unique amino acid in the tea plant as an oral hepatoprotective agent. Asia Pacific Journal of Clinical Nutrition, 2017, 26, 384-391.	0.4	19
31	Comprehensive comparison on the chemical metabolites and taste evaluation of tea after roasting using untargeted and pseudotargeted metabolomics. Food Science and Human Wellness, 2022, 11, 606-617.	4.9	19
32	Serum thioredoxin reductase is highly increased in mice with hepatocellular carcinoma and its activity is restrained by several mechanisms. Free Radical Biology and Medicine, 2016, 99, 426-435.	2.9	17
33	The proposed biosynthesis of procyanidins by the comparative chemical analysis of five Camellia species using LC-MS. Scientific Reports, 2017, 7, 46131.	3.3	15
34	Prospective Selective Mechanism of Emerging Senolytic Agents Derived from Flavonoids. Journal of Agricultural and Food Chemistry, 2021, 69, 12418-12423.	5.2	15
35	Screening of Î±-glucosidase inhibitors in large-leaf yellow tea by offline bioassay coupled with liquid chromatography tandem mass spectrometry. Food Science and Human Wellness, 2022, 11, 627-634.	4.9	13
36	Relationship between flexibility and interfacial functional properties of soy protein isolate: succinylation modification. Journal of the Science of Food and Agriculture, 2022, 102, 6454-6463.	3.5	12

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37	Supplementation with green tea extract affects lipid metabolism and egg yolk lipid composition in laying hens. Journal of Applied Poultry Research, 2019, 28, 881-891.	1.2	11
38	Green Tea Suppresses Amyloid Î² Levels and Alleviates Cognitive Impairment by Inhibiting APP Cleavage and Preventing Neurotoxicity in 5XFAD Mice. Molecular Nutrition and Food Research, 2021, 65, e2100626.	3.3	11
39	Yellow Tea Stimulates Thermogenesis in Mice through Heterogeneous Browning of Adipose Tissues. Molecular Nutrition and Food Research, 2021, 65, e2000864.	3.3	9
40	Principles of Biomedical Agriculture Applied to the Plant Family Theaceae To Identify Novel Interventions for Cancer Prevention and Control. Journal of Agricultural and Food Chemistry, 2016, 64, 2809-2814.	5.2	7
41	Differences in Chemical Composition among Commercially Important Cultivars of Genus Camellia. Journal of Agricultural and Food Chemistry, 2019, 67, 5457-5464.	5.2	7
42	The beneficial or detrimental fluoride to gut microbiota depends on its dosages. Ecotoxicology and Environmental Safety, 2021, 209, 111732.	6.0	7
43	High-dose sodium selenite toxicity cannot be prevented by the co-administration of pharmacological levels of epigallocatechin-3-gallate which in turn aggravates the toxicity. Food and Chemical Toxicology, 2013, 52, 36-41.	3.6	6
44	Supplemental summer-autumn tea leaf (Camellia sinensis) improve the immune status of broilers. Journal of Applied Animal Research, 2018, 46, 1260-1267.	1.2	6
45	Black and Green Tea Supplements Ameliorate Male Infertility in a Murine Model of Obesity. Journal of Medicinal Food, 2020, 23, 1303-1311.	1.5	5
46	Potential prebiotic effects of nonabsorptive components of Keemun and Dianhong black tea: an in vitro study. Food Science and Human Wellness, 2022, 11, 648-659.	4.9	4
47	TBC2target: A Resource of Predicted Target Genes of Tea Bioactive Compounds. Frontiers in Plant Science, 2018, 9, 211.	3.6	3
48	Differences in chemical composition predictive of in vitro biological activity among commercially important cultivars of genus Camellia. Food Chemistry, 2019, 297, 124950.	8.2	3
49	Effects of Keemun and Dianhong Black Tea in Alleviating Excess Lipid Accumulation in the Liver of Obese Mice: A Comparative Study. Frontiers in Nutrition, 2022, 9, 849582.	3.7	3
50	Assuring that your cup of tea is risk-free. Current Opinion in Food Science, 2019, 30, 98-102.	8.0	2