Ping Xu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7946928/publications.pdf

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42	1,122	471061	433756
papers	citations	17	31
		h-index	g-index

43	43	43	1294
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Continental scale deciphering of microbiome networks untangles the phyllosphere homeostasis in tea plant. Journal of Advanced Research, 2023, 44, 13-22.	4.4	14
2	Regulation of biosynthesis of the main flavor-contributing metabolites in tea plant (Camellia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	5.4	10
3	Temporal metabolite responsiveness of microbiota in the tea plant phyllosphere promotes continuous suppression of fungal pathogens. Journal of Advanced Research, 2022, 39, 49-60.	4.4	24
4	Transcription factor CsWRKY40 regulates L-theanine hydrolysis by activating theCsPDX2.1promoter in tea leaves during withering. Horticulture Research, 2022, 9, .	2.9	9
5	Overhauling the Effect of Surface Sterilization on Analysis of Endophytes in Tea Plants. Frontiers in Plant Science, 2022, 13, 849658.	1.7	1
6	L-theanine exuded from Camellia sinensis roots regulates element cycling in soil by shaping the rhizosphere microbiome assembly. Science of the Total Environment, 2022, 837, 155801.	3.9	16
7	Microbial enrichment evaluation during the fermentation of ensiling pruned branches from tea plants. International Journal of Food Microbiology, 2022, 374, 109742.	2.1	0
8	Effects of oxidation-based tea processing on the characteristics of the derived polysaccharide conjugates and their regulation of intestinal homeostasis in DSS-induced colitis mice. International Journal of Biological Macromolecules, 2022, 214, 402-413.	3.6	11
9	Matcha Green Tea Alleviates Non-Alcoholic Fatty Liver Disease in High-Fat Diet-Induced Obese Mice by Regulating Lipid Metabolism and Inflammatory Responses. Nutrients, 2021, 13, 1950.	1.7	22
10	L-Theanine Alleviates IMQ-Induced Psoriasis Like Skin Inflammation by Downregulating the Production of IL-23 and Chemokines. Frontiers in Pharmacology, 2021, 12, 719842.	1.6	3
11	Potential effect of EGCG on the anti-tumor efficacy of metformin in melanoma cells. Journal of Zhejiang University: Science B, 2021, 22, 548-562.	1.3	7
12	A comprehensive review on polysaccharide conjugates derived from tea leaves: Composition, structure, function and application. Trends in Food Science and Technology, 2021, 114, 83-99.	7.8	49
13	Oxygen-enriched fermentation improves the taste of black tea by reducing the bitter and astringent metabolites. Food Research International, 2021, 148, 110613.	2.9	34
14	Current understanding in conversion and application of tea waste biomass: A review. Bioresource Technology, 2021, 338, 125530.	4.8	60
15	Exploring the bacterial community and fermentation characteristics during silage fermentation of abandoned fresh tea leaves. Chemosphere, 2021, 283, 131234.	4.2	28
16	Bioengineered biochar as smart candidate for resource recovery toward circular bio-economy: a review. Bioengineered, 2021, 12, 10269-10301.	1.4	37
17	Nonvolatile metabolite alterations during Zijuan black tea processing affect the protective potential on HOECs exposed to nicotine. Food and Function, 2021, 12, 12291-12302.	2.1	2
18	Black Tea Alleviates Particulate Matter-Induced Lung Injury via the Gut-Lung Axis in Mice. Journal of Agricultural and Food Chemistry, 2021, 69, 15362-15373.	2.4	12

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19	Genome-wide analysis of PYL-PP2C-SnRK2s family in Camellia sinensis. Bioengineered, 2020, 11, 103-115.	1.4	22
20	Matcha green tea prevents obesity-induced hypothalamic inflammation via suppressing the JAK2/STAT3 signaling pathway. Food and Function, 2020, 11, 8987-8995.	2.1	10
21	Implications of endophytic microbiota inCamellia sinensis: a review on current understanding and future insights. Bioengineered, 2020, 11, 1001-1015.	1.4	34
22	New Insights into Evolution of Plant Heat Shock Factors (Hsfs) and Expression Analysis of Tea Genes in Response to Abiotic Stresses. Plants, 2020, 9, 311.	1.6	11
23	Characterizing relationships among chemicals, sensory attributes and in vitro bioactivities of black tea made from an anthocyanins-enriched tea cultivar. LWT - Food Science and Technology, 2020, 132, 109814.	2.5	16
24	Transcriptomic Analysis Reveals the Molecular Adaptation of Three Major Secondary Metabolic Pathways to Multiple Macronutrient Starvation in Tea (Camellia sinensis). Genes, 2020, 11, 241.	1.0	12
25	Shading Effects on Leaf Color Conversion and Biosynthesis of the Major Secondary Metabolites in the Albino Tea Cultivar â€œYujinxiangâ€. Journal of Agricultural and Food Chemistry, 2020, 68, 2528-2538.	2.4	43
26	Green Tea Polyphenol EGCG Attenuates MDSCs-mediated Immunosuppression through Canonical and Non-Canonical Pathways in a 4T1 Murine Breast Cancer Model. Nutrients, 2020, 12, 1042.	1.7	37
27	Effect of storage time on antioxidant activity and inhibition on Î±â€Amylase and Î±â€Glucosidase of white tea. Food Science and Nutrition, 2019, 7, 636-644.	1.5	31
28	Chemical characterization and bioactivity of phenolics from Tieguanyin oolong tea. Journal of Food Biochemistry, 2019, 43, e12894.	1.2	9
29	In vitro antioxidant activity of phenolic-enriched extracts from Zhangping Narcissus tea cake and their inhibition on growth and metastatic capacity of 4T1 murine breast cancer cells. Journal of Zhejiang University: Science B, 2018, 19, 199-210.	1.3	7
30	(â˜)â€Epigallocatechinâ€3â€gallate and <scp>EZH</scp>2 inhibitor <scp>GSK</scp>343 have similar inhibitory effects and mechanisms of action on colorectal cancer cells. Clinical and Experimental Pharmacology and Physiology, 2018, 45, 58-67.	0.9	14
31	Effects of (â˜)-Epigallocatechin Gallate (EGCG) on Energy Expenditure and Microglia-Mediated Hypothalamic Inflammation in Mice Fed a High-Fat Diet. Nutrients, 2018, 10, 1681.	1.7	60
32	Effect of solvent type on antioxidant activities and protective capacity on HUVEC cells from damage induced by Na 2 S 2 O 3 of Jiuqu Hongmei tea extracts. Journal of Food Biochemistry, 2018, 42, e12693.	1.2	3
33	Genomic and Transcriptomic Analysis Identified Gene Clusters and Candidate Genes for Oil Content in Peanut (Arachis hypogaea L.). Plant Molecular Biology Reporter, 2018, 36, 518-529.	1.0	18
34	Coordination of metabolic pathways: Enhanced carbon conservation in 1,3-propanediol production by coupling with optically pure lactate biosynthesis. Metabolic Engineering, 2017, 41, 102-114.	3.6	46
35	(â€)â€Epigallocatechinâ€3â€gallate and atorvastatin treatment downâ€regulates liver fibrosisâ€related genes in nonâ€alcoholic fatty liver disease. Clinical and Experimental Pharmacology and Physiology, 2017, 44, 1180-1191.	0.9	13
36	Characterization of cadmium-resistant bacteria and their potential for reducing accumulation of cadmium in rice grains. Science of the Total Environment, 2016, 569-570, 97-104.	3.9	108

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37	Study on lily introgression breeding using allotriploids as maternal parents in interploid hybridizations. Breeding Science, 2014, 64, 97-102.	0.9	22
38	Impact of instantaneous controlled pressure drop on microstructural modification of green tea and its infusion quality. Journal of Food Science and Technology, 2014, 51, 51-58.	1.4	8
39	Physicochemical characterization of puerh tea polysaccharides and their antioxidant and Î±-glycosidase inhibition. Journal of Functional Foods, 2014, 6, 545-554.	1.6	99
40	Fermentation process enhanced production and bioactivities of oolong tea polysaccharides. Food Research International, 2012, 46, 158-166.	2.9	66
41	Studies on bioactivities of tea (Camellia sinensis L.) fruit peel extracts: Antioxidant activity and inhibitory potential against Î±-glucosidase and Î±-amylase in vitro. Industrial Crops and Products, 2012, 37, 520-526.	2.5	72
42	Physicochemical Properties, in Vitro Antioxidant Activities and Inhibitory Potential against Î±-Glucosidase of Polysaccharides from Ampelopsis grossedentata Leaves and Stems. Molecules, 2011, 16, 7762-7772.	1.7	21