

# Ping Xu

## List of Publications by Year in descending order

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

Version: 2024-02-01

42  
papers

1,122  
citations

471061

17  
h-index

433756

31  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1294  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of cadmium-resistant bacteria and their potential for reducing accumulation of cadmium in rice grains. <i>Science of the Total Environment</i> , 2016, 569-570, 97-104.	3.9	108
2	Physicochemical characterization of puerh tea polysaccharides and their antioxidant and $\alpha$ -glucosidase inhibition. <i>Journal of Functional Foods</i> , 2014, 6, 545-554.	1.6	99
3	Studies on bioactivities of tea ( <i>Camellia sinensis</i> L.) fruit peel extracts: Antioxidant activity and inhibitory potential against $\alpha$ -glucosidase and $\alpha$ -amylase in vitro. <i>Industrial Crops and Products</i> , 2012, 37, 520-526.	2.5	72
4	Fermentation process enhanced production and bioactivities of oolong tea polysaccharides. <i>Food Research International</i> , 2012, 46, 158-166.	2.9	66
5	Effects of ( $\gamma$ -)Epigallocatechin Gallate (EGCG) on Energy Expenditure and Microglia-Mediated Hypothalamic Inflammation in Mice Fed a High-Fat Diet. <i>Nutrients</i> , 2018, 10, 1681.	1.7	60
6	Current understanding in conversion and application of tea waste biomass: A review. <i>Bioresource Technology</i> , 2021, 338, 125530.	4.8	60
7	A comprehensive review on polysaccharide conjugates derived from tea leaves: Composition, structure, function and application. <i>Trends in Food Science and Technology</i> , 2021, 114, 83-99.	7.8	49
8	Coordination of metabolic pathways: Enhanced carbon conservation in 1,3-propanediol production by coupling with optically pure lactate biosynthesis. <i>Metabolic Engineering</i> , 2017, 41, 102-114.	3.6	46
9	Shading Effects on Leaf Color Conversion and Biosynthesis of the Major Secondary Metabolites in the Albino Tea Cultivar "Yujinxiang". <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 2528-2538.	2.4	43
10	Green Tea Polyphenol EGCG Attenuates MDSCs-mediated Immunosuppression through Canonical and Non-Canonical Pathways in a 4T1 Murine Breast Cancer Model. <i>Nutrients</i> , 2020, 12, 1042.	1.7	37
11	Bioengineered biochar as smart candidate for resource recovery toward circular bio-economy: a review. <i>Bioengineered</i> , 2021, 12, 10269-10301.	1.4	37
12	Implications of endophytic microbiota in <i>Camellia sinensis</i> : a review on current understanding and future insights. <i>Bioengineered</i> , 2020, 11, 1001-1015.	1.4	34
13	Oxygen-enriched fermentation improves the taste of black tea by reducing the bitter and astringent metabolites. <i>Food Research International</i> , 2021, 148, 110613.	2.9	34
14	Effect of storage time on antioxidant activity and inhibition on $\alpha$ -Amylase and $\alpha$ -Glucosidase of white tea. <i>Food Science and Nutrition</i> , 2019, 7, 636-644.	1.5	31
15	Exploring the bacterial community and fermentation characteristics during silage fermentation of abandoned fresh tea leaves. <i>Chemosphere</i> , 2021, 283, 131234.	4.2	28
16	Temporal metabolite responsiveness of microbiota in the tea plant phyllosphere promotes continuous suppression of fungal pathogens. <i>Journal of Advanced Research</i> , 2022, 39, 49-60.	4.4	24
17	Study on lily introgression breeding using allotriploids as maternal parents in interploid hybridizations. <i>Breeding Science</i> , 2014, 64, 97-102.	0.9	22
18	Genome-wide analysis of <i>PYL-PP2C-SnRK2s</i> family in <i>Camellia sinensis</i> . <i>Bioengineered</i> , 2020, 11, 103-115.	1.4	22

#	ARTICLE	IF	CITATIONS
19	Matcha Green Tea Alleviates Non-Alcoholic Fatty Liver Disease in High-Fat Diet-Induced Obese Mice by Regulating Lipid Metabolism and Inflammatory Responses. <i>Nutrients</i> , 2021, 13, 1950.	1.7	22
20	Physicochemical Properties, in Vitro Antioxidant Activities and Inhibitory Potential against $\beta$ -Glucosidase of Polysaccharides from <i>Ampelopsis grossedentata</i> Leaves and Stems. <i>Molecules</i> , 2011, 16, 7762-7772.	1.7	21
21	Genomic and Transcriptomic Analysis Identified Gene Clusters and Candidate Genes for Oil Content in Peanut ( <i>Arachis hypogaea</i> L.). <i>Plant Molecular Biology Reporter</i> , 2018, 36, 518-529.	1.0	18
22	Characterizing relationships among chemicals, sensory attributes and in vitro bioactivities of black tea made from an anthocyanins-enriched tea cultivar. <i>LWT - Food Science and Technology</i> , 2020, 132, 109814.	2.5	16
23	L-theanine exuded from <i>Camellia sinensis</i> roots regulates element cycling in soil by shaping the rhizosphere microbiome assembly. <i>Science of the Total Environment</i> , 2022, 837, 155801.	3.9	16
24	( $\alpha$ )-Epigallocatechin-3-gallate and EZH2 inhibitor GSK343 have similar inhibitory effects and mechanisms of action on colorectal cancer cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018, 45, 58-67.	0.9	14
25	Continental scale deciphering of microbiome networks untangles the phyllosphere homeostasis in tea plant. <i>Journal of Advanced Research</i> , 2023, 44, 13-22.	4.4	14
26	( $\alpha$ )-Epigallocatechin-3-gallate and atorvastatin treatment downregulates liver fibrosis-related genes in non-alcoholic fatty liver disease. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 1180-1191.	0.9	13
27	Transcriptomic Analysis Reveals the Molecular Adaptation of Three Major Secondary Metabolic Pathways to Multiple Macronutrient Starvation in Tea ( <i>Camellia sinensis</i> ). <i>Genes</i> , 2020, 11, 241.	1.0	12
28	Black Tea Alleviates Particulate Matter-Induced Lung Injury via the Gut-Lung Axis in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 15362-15373.	2.4	12
29	New Insights into Evolution of Plant Heat Shock Factors (Hsfs) and Expression Analysis of Tea Genes in Response to Abiotic Stresses. <i>Plants</i> , 2020, 9, 311.	1.6	11
30	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. <i>International Journal of Biological Macromolecules</i> , 2022, 214, 402-413.	3.6	11
31	Matcha green tea prevents obesity-induced hypothalamic inflammation via suppressing the JAK2/STAT3 signaling pathway. <i>Food and Function</i> , 2020, 11, 8987-8995.	2.1	10
32	Regulation of biosynthesis of the main flavor-contributing metabolites in tea plant ( <i>Camellia</i> ) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 2	3.4	10
33	Chemical characterization and bioactivity of phenolics from Tieguanyin oolong tea. <i>Journal of Food Biochemistry</i> , 2019, 43, e12894.	1.2	9
34	Transcription factor CsWRKY40 regulates L-theanine hydrolysis by activating the CsPDX2.1 promoter in tea leaves during withering. <i>Horticulture Research</i> , 2022, 9, .	2.9	9
35	Impact of instantaneous controlled pressure drop on microstructural modification of green tea and its infusion quality. <i>Journal of Food Science and Technology</i> , 2014, 51, 51-58.	1.4	8
36	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. <i>Journal of Zhejiang University: Science B</i> , 2018, 19, 199-210.	1.3	7

#	ARTICLE	IF	CITATIONS
37	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
38	Effect of solvent type on antioxidant activities and protective capacity on HUVEC cells from damage induced by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> of Jiuqu Hongmei tea extracts. Journal of Food Biochemistry, 2018, 42, e12693.	1.2	3
39	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
40	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
41	Overhauling the Effect of Surface Sterilization on Analysis of Endophytes in Tea Plants. Frontiers in Plant Science, 2022, 13, 849658.	1.7	1
42	Microbial enrichment evaluation during the fermentation of ensiling pruned branches from tea plants. International Journal of Food Microbiology, 2022, 374, 109742.	2.1	0