

# Lei Zhao

## List of Publications by Year in descending order

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26  
papers

1,098  
citations

567281

15  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1016  
citing authors

#	ARTICLE	IF	CITATIONS
1	The R2R3-MYB, bHLH, WD40, and related transcription factors in flavonoid biosynthesis. <i>Functional and Integrative Genomics</i> , 2013, 13, 75-98.	3.5	216
2	Tissue-Specific, Development-Dependent Phenolic Compounds Accumulation Profile and Gene Expression Pattern in Tea Plant [ <i>Camellia sinensis</i> ]. <i>PLoS ONE</i> , 2013, 8, e62315.	2.5	202
3	Functional Characterization of Tea ( <i>Camellia sinensis</i> ) MYB4a Transcription Factor Using an Integrative Approach. <i>Frontiers in Plant Science</i> , 2017, 8, 943.	3.6	89
4	Transcriptomic and Metabolic Insights into the Distinctive Effects of Exogenous Melatonin and Gibberellin on Terpenoid Synthesis and Plant Hormone Signal Transduction Pathway in <i>Camellia sinensis</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 4689-4699.	5.2	75
5	Analysis of accumulation patterns and preliminary study on the condensation mechanism of proanthocyanidins in the tea plant [ <i>Camellia sinensis</i> ]. <i>Scientific Reports</i> , 2015, 5, 8742.	3.3	72
6	Qualitative and Quantitative Analysis of Triterpene Saponins from Tea Seed Pomace ( <i>Camellia oleifera</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.8	48
7	Transcriptomic analysis of flower development in tea ( <i>Camellia sinensis</i> (L.)). <i>Gene</i> , 2017, 631, 39-51.	2.2	48
8	Metabolic Characterization of the Anthocyanidin Reductase Pathway Involved in the Biosynthesis of Flavan-3-ols in Elite Shuchazao Tea ( <i>Camellia sinensis</i> ) Cultivar in the Field. <i>Molecules</i> , 2017, 22, 2241.	3.8	47
9	CsMYB5a and CsMYB5e from <i>Camellia sinensis</i> differentially regulate anthocyanin and proanthocyanidin biosynthesis. <i>Plant Science</i> , 2018, 270, 209-220.	3.6	45
10	Roles of the 2-Oxoglutarate-Dependent Dioxygenase Superfamily in the Flavonoid Pathway: A Review of the Functional Diversity of F3H, FNS I, FLS, and LDOX/ANS. <i>Molecules</i> , 2021, 26, 6745.	3.8	32
11	Cytotoxic and Hypoglycemic Activity of Triterpenoid Saponins from <i>Camellia oleifera</i> Abel. Seed Pomace. <i>Molecules</i> , 2017, 22, 1562.	3.8	28
12	Characterisation of anthocyanidin reductase from Shuchazao green tea. <i>Journal of the Science of Food and Agriculture</i> , 2012, 92, 1533-1539.	3.5	27
13	Effect of low-intensity white light mediated de-etiolation on the biosynthesis of polyphenols in tea seedlings. <i>Plant Physiology and Biochemistry</i> , 2014, 80, 328-336.	5.8	24
14	Conserved MicroRNA Act Boldly During Sprout Development and Quality Formation in Pingyang Tezaocha ( <i>Camellia sinensis</i> ). <i>Frontiers in Genetics</i> , 2019, 10, 237.	2.3	21
15	After neoadjuvant chemotherapy platelet/lymphocyte ratios negatively correlate with prognosis in gastric cancer patients. <i>Journal of Clinical Laboratory Analysis</i> , 2018, 32, e22364.	2.1	18
16	Cryobiotechnology: A Double-Edged Sword for Obligate Plant Pathogens. <i>Plant Disease</i> , 2019, 103, 1058-1067.	1.4	17
17	Oleiferasaponin A2, a Novel Saponin from <i>Camellia oleifera</i> Abel. Seeds, Inhibits Lipid Accumulation of HepG2 Cells Through Regulating Fatty Acid Metabolism. <i>Molecules</i> , 2018, 23, 3296.	3.8	16
18	Analysis of stereochemistry and biosynthesis of epicatechin in tea plants by chiral phase high performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1006, 1-7.	2.3	13

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19	Porous Palladium Nanomeshes with Enhanced Electrochemical CO <sub>2</sub> Conversion over a Wider Applied Potential. <i>ChemSusChem</i> , 2019, 12, 3304-3311.	6.8	12
20	Long-term preservation of potato leafroll virus, potato virus S, and potato spindle tuber viroid in cryopreserved shoot tips. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 10743-10754.	3.6	10
21	Validation of micrografting to analyze compatibility, shoot growth, and root formation in micrografts of kiwifruit ( <i>Actinidia</i> spp.). <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 140, 209-214.	2.3	9
22	Validation of micrografting to evaluate drought tolerance in micrografts of kiwifruits ( <i>Actinidia</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	2.3	8
23	Comprehensive Analysis of Metabolic Fluxes from Leucoanthocyanins to Anthocyanins and Proanthocyanidins (PAs). <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 15142-15153.	5.2	8
24	Tea polyphenols alleviate the adverse effects of diabetes on oocyte quality. <i>Food and Function</i> , 2022, 13, 5396-5405.	4.6	6
25	Potential role of tea extract in oocyte development. <i>Food and Function</i> , 2021, 12, 10311-10323.	4.6	4
26	Feedback Inhibition Might Dominate the Accumulation Pattern of BR in the New Shoots of Tea Plants ( <i>Camellia sinensis</i> ). <i>Frontiers in Genetics</i> , 2021, 12, 809608.	2.3	3