

Leilei Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

538
citations

759233

12
h-index

677142

22
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all docs

28
docs citations

28
times ranked

607
citing authors

#	ARTICLE	IF	CITATIONS
1	Elderberry (<i>Sambucus nigra</i> L.) as potential source of antioxidants. Characterization, optimization of extraction parameters and bioactive properties. <i>Food Chemistry</i> , 2020, 330, 127266.	8.2	95
2	Phytochemical Analysis and Anti-Inflammatory Activity of Different Ethanollic Phyto-Extracts of <i>Artemisia annua</i> L.. <i>Biomolecules</i> , 2021, 11, 975.	4.0	54
3	Protective Effects of <i>Gynostemma pentaphyllum</i> (var. <i>Ginpent</i>) against Lipopolysaccharide-Induced Inflammation and Motor Alteration in Mice. <i>Molecules</i> , 2021, 26, 570.	3.8	45
4	Metabolomic insight into the profile, in vitro bioaccessibility and bioactive properties of polyphenols and glucosinolates from four Brassicaceae microgreens. <i>Food Research International</i> , 2021, 140, 110039.	6.2	35
5	Seed Priming With Protein Hydrolysates Improves <i>Arabidopsis</i> Growth and Stress Tolerance to Abiotic Stresses. <i>Frontiers in Plant Science</i> , 2021, 12, 626301.	3.6	32
6	Optimized ultrasound-assisted extraction of phenolic compounds from <i>Thymus comosus</i> Heuff. ex Griseb. et Schenk (wild thyme) and their bioactive potential. <i>Ultrasonics Sonochemistry</i> , 2022, 84, 105954.	8.2	27
7	Red beet (<i>Beta vulgaris</i>) and amaranth (<i>Amaranthus</i> sp.) microgreens: Effect of storage and in vitro gastrointestinal digestion on the untargeted metabolomic profile. <i>Food Chemistry</i> , 2020, 332, 127415.	8.2	25
8	The Strength of the Nutrient Solution Modulates the Functional Profile of Hydroponically Grown Lettuce in a Genotype-Dependent Manner. <i>Foods</i> , 2020, 9, 1156.	4.3	23
9	The UHPLC-QTOF-MS Phenolic Profiling and Activity of <i>Cydonia oblonga</i> Mill. Reveals a Promising Nutraceutical Potential. <i>Foods</i> , 2021, 10, 1230.	4.3	20
10	Optimized Ultrasound-Assisted Enzymatic Extraction of Phenolic Compounds from <i>Rosa canina</i> L. Pseudo-Fruits (Rosehip) and Their Biological Activity. <i>Antioxidants</i> , 2022, 11, 1123.	5.1	20
11	The Metabolic Reprogramming Induced by Sub-Optimal Nutritional and Light Inputs in Soilless Cultivated Green and Red Butterhead Lettuce. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6381.	4.1	19
12	The functional potential of nine <i>Allium</i> species related to their untargeted phytochemical characterization, antioxidant capacity and enzyme inhibitory ability. <i>Food Chemistry</i> , 2022, 368, 130782.	8.2	17
13	Metabolomics and lipidomics insight into the effect of different polyamines on tomato plants under non-stress and salinity conditions. <i>Plant Science</i> , 2022, 322, 111346.	3.6	13
14	Profiling of polyphenols and sesquiterpenoids using different extraction methods in <i>Muscari turcicum</i> , an endemic plant from Turkey. <i>Industrial Crops and Products</i> , 2020, 154, 112626.	5.2	12
15	UHPLC-QTOF-MS based metabolomics and biological activities of different parts of <i>Eriobotrya japonica</i> . <i>Food Research International</i> , 2021, 143, 110242.	6.2	12
16	Untargeted Phytochemical Profile, Antioxidant Capacity and Enzyme Inhibitory Activity of Cultivated and Wild Lupin Seeds from Tunisia. <i>Molecules</i> , 2021, 26, 3452.	3.8	11
17	Metabolomic profiling and biological properties of six <i>Limonium</i> species: novel perspectives for nutraceutical purposes. <i>Food and Function</i> , 2021, 12, 3443-3454.	4.6	11
18	The Combination of Untargeted Metabolomics and Machine Learning Predicts the Biosynthesis of Phenolic Compounds in <i>Bryophyllum</i> Medicinal Plants (Genus <i>Kalanchoe</i>). <i>Plants</i> , 2021, 10, 2430.	3.5	10

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19	The Combination of Mild Salinity Conditions and Exogenously Applied Phenolics Modulates Functional Traits in Lettuce. <i>Plants</i> , 2021, 10, 1457.	3.5	9
20	Metabolomics and Physiological Insights into the Ability of Exogenously Applied Chlorogenic Acid and Hesperidin to Modulate Salt Stress in Lettuce Distinctively. <i>Molecules</i> , 2021, 26, 6291.	3.8	9
21	A Phenomics and Metabolomics Investigation on the Modulation of Drought Stress by a Biostimulant Plant Extract in Tomato (<i>Solanum lycopersicum</i>). <i>Agronomy</i> , 2022, 12, 764.	3.0	9
22	A metabolomics insight into the Cyclic Nucleotide Monophosphate signaling cascade in tomato under non-stress and salinity conditions. <i>Plant Science</i> , 2021, 309, 110955.	3.6	7
23	The Untargeted Phytochemical Profile of Three Meliaceae Species Related to In Vitro Cytotoxicity and Anti-Virulence Activity against MRSA Isolates. <i>Molecules</i> , 2022, 27, 435.	3.8	6
24	Intraspecific Variability Largely Affects the Leaf Metabolomics Response to Isosmotic Macrocation Variations in Two Divergent Lettuce (<i>Lactuca sativa</i> L.) Varieties. <i>Plants</i> , 2021, 10, 91.	3.5	4
25	Phytochemical Constituents and Biological Activities of the Unexplored Plant <i>Rhinanthus angustifolius</i> subsp. <i>grandiflorus</i> . <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9162.	2.5	4
26	Untargeted Phenolic Profiling and Functional Insights of the Aerial Parts and Bulbs of <i>Drimys maritima</i> (L.) Stearn. <i>Plants</i> , 2022, 11, 600.	3.5	4
27	Foliar and Root Comparative Metabolomics and Phenolic Profiling of Micro-Tom Tomato (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT /Overl... Treatments. <i>Plants</i> , 2022, 11, 1829.	3.5	3
28	Dataset on the Effects of Different Pre-Harvest Factors on the Metabolomics Profile of Lettuce (<i>Lactuca sativa</i> L.) Leaves. <i>Data</i> , 2020, 5, 119.	2.3	2