

Chengke Bai

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

408
citations

840776

11
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

466
citing authors

#	ARTICLE	IF	CITATIONS
1	Future landscape of renewable fuel resources: Current and future conservation and utilization of main biofuel crops in China. <i>Science of the Total Environment</i> , 2022, 806, 150946.	8.0	17
2	Environmental shifts have important impacts on the functional traits and bioactive products of medicinal crop <i>Cornus officinalis</i> . <i>Industrial Crops and Products</i> , 2021, 162, 113304.	5.2	7
3	Functional trait data for vascular plant species from northeastern North America. <i>Ecology</i> , 2021, , e03527.	3.2	6
4	Development and optimization of novel processing methods of fruit extracts of medicinal crop <i>Cornus officinalis</i> . <i>Industrial Crops and Products</i> , 2021, 174, 114177.	5.2	2
5	Growth years and post-harvest processing methods have critical roles on the contents of medicinal active ingredients of <i>Scutellaria baicalensis</i> . <i>Industrial Crops and Products</i> , 2020, 158, 112985.	5.2	37
6	Concentrated conservation and utilization: Four medicinal crops for diabetes treatment showed similar habitat distribution patterns in China. <i>Industrial Crops and Products</i> , 2020, 152, 112478.	5.2	11
7	Wetlands rise and fall: Six endangered wetland species showed different patterns of habitat shift under future climate change. <i>Science of the Total Environment</i> , 2020, 731, 138518.	8.0	31
8	The medicinal active ingredients and their associated key enzyme genes are differentially regulated at different growth stages in <i>Cornus officinalis</i> and <i>Cornus controversa</i> . <i>Industrial Crops and Products</i> , 2019, 142, 111858.	5.2	5
9	Less Conserved LRRs Is Important for BRI1 Folding. <i>Frontiers in Plant Science</i> , 2019, 10, 634.	3.6	9
10	De novo transcriptome assembly based on RNA-seq and dynamic expression of key enzyme genes in loganin biosynthetic pathway of <i>Cornus officinalis</i> . <i>Tree Genetics and Genomes</i> , 2018, 14, 1.	1.6	6
11	Transcriptomic analysis and dynamic expression of genes reveal flavonoid synthesis in <i>Scutellaria viscidula</i> . <i>Acta Physiologiae Plantarum</i> , 2018, 40, 1.	2.1	15
12	Predicting suitable cultivation regions of medicinal plants with Maxent modeling and fuzzy logics: a case study of <i>Scutellaria baicalensis</i> in China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	43
13	Modeling habitat distribution of <i>Cornus officinalis</i> with Maxent modeling and fuzzy logics in China. <i>Journal of Plant Ecology</i> , 2016, 9, 742-751.	2.3	59
14	Ecological effects on phenotypic, cytological and biochemical diversity of <i>Cornus officinalis</i> germplasm resources in China and USA. <i>Biochemical Systematics and Ecology</i> , 2014, 55, 241-248.	1.3	10
15	Genetic diversity and sampling strategy of <i>Scutellaria baicalensis</i> germplasm resources based on ISSR. <i>Genetic Resources and Crop Evolution</i> , 2013, 60, 1673-1685.	1.6	15
16	New reports of nuclear DNA content for 66 traditional Chinese medicinal plant taxa in China. <i>Caryologia</i> , 2013, 66, 375-383.	0.3	14
17	New reports of nuclear DNA content for 407 vascular plant taxa from the United States. <i>Annals of Botany</i> , 2012, 110, 1623-1629.	2.9	105
18	Chinese <i>Cornus officinalis</i> : genetic resources, genetic diversity and core collection. <i>Genetic Resources and Crop Evolution</i> , 2012, 59, 1659-1671.	1.6	16