

# Kaiyan Zheng

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

472  
citations

687363

13  
h-index

713466

21  
g-index

26  
all docs

26  
docs citations

26  
times ranked

652  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of astaxanthin and emodin on the growth, stress resistance and disease resistance of yellow catfish ( <i>Pelteobagrus fulvidraco</i> ). <i>Fish and Shellfish Immunology</i> , 2016, 51, 125-135.	3.6	102
2	Physiological and transcriptomic analyses of cadmium stress response in <i>Dendrobium officinale</i> seedling. <i>Plant Physiology and Biochemistry</i> , 2020, 148, 152-165.	5.8	44
3	Chemical components and antioxidant activity of volatile oil of a Compositae tea ( <i>Coreopsis tinctoria</i> ) Tj ETQq1 1 0.784314 rgBT /Over	5.2	42
4	Alternate wetting and drying irrigation-mediated changes in the growth, photosynthesis and yield of the medicinal plant <i>Tulipa edulis</i> . <i>Industrial Crops and Products</i> , 2015, 66, 81-88.	5.2	37
5	Transcriptome Analysis of Differentially Expressed Genes Provides Insight into Stolon Formation in <i>Tulipa edulis</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 409.	3.6	27
6	Flavonoid accumulation during florescence in three <i>Chrysanthemum morifolium</i> Ramat cv. "Hangju"™ genotypes. <i>Biochemical Systematics and Ecology</i> , 2014, 55, 79-83.	1.3	20
7	Analysis of the transcriptome of <i>Marsdenia tenacissima</i> discovers putative polyoxypregnane glycoside biosynthetic genes and genetic markers. <i>Genomics</i> , 2014, 104, 186-193.	2.9	20
8	Genetic variation in <i>Whitmania pigra</i> , <i>Hirudo nipponica</i> and <i>Poecilobdella manillensis</i> , three endemic and endangered species in China using SSR and TRAP markers. <i>Gene</i> , 2016, 579, 172-182.	2.2	20
9	Dynamic changes in carbohydrate metabolism and endogenous hormones during <i>Tulipa edulis</i> stolon development into a new bulb. <i>Journal of Plant Biology</i> , 2016, 59, 121-132.	2.1	19
10	Genetic diversity analysis of <i>Pinellia ternata</i> based on SRAP and TRAP markers. <i>Biochemical Systematics and Ecology</i> , 2013, 50, 258-265.	1.3	18
11	Identification and characterization of hirudin-HN, a new thrombin inhibitor, from the salivary glands of <i>Hirudo nipponica</i> . <i>PeerJ</i> , 2019, 7, e7716.	2.0	18
12	Species identification of the medicinal plant <i>Tulipa edulis</i> (Liliaceae) by DNA barcode marker. <i>Biochemical Systematics and Ecology</i> , 2014, 55, 362-368.	1.3	16
13	DNA barcodes for discriminating the medicinal plant <i>Isatis indigotica</i> Fort. (Cruciferae) and its adulterants. <i>Biochemical Systematics and Ecology</i> , 2014, 57, 287-292.	1.3	13
14	Gene cloning and expression of a partial sequence of Hirudomacin, an antimicrobial protein that is increased in leech ( <i>Hirudo nipponica</i> Whitman) after a blood meal. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019, 231, 75-86.	1.6	11
15	Genetic diversity and phylogenetic relationships among and within populations of <i>Whitmania pigra</i> and <i>Hirudo nipponica</i> based on ISSR and SRAP markers. <i>Biochemical Systematics and Ecology</i> , 2013, 51, 215-223.	1.3	10
16	Distribution survey, phytochemical and transcriptome analysis to identify candidate genes involved in biosynthesis of functional components in <i>Zanthoxylum nitidum</i> . <i>Industrial Crops and Products</i> , 2020, 150, 112345.	5.2	8
17	Analysis of the genetic diversity and population structure of <i>Perinereis aibuhitensis</i> in China using TRAP and AFLP markers. <i>Biochemical Systematics and Ecology</i> , 2015, 59, 194-203.	1.3	7
18	Construction of a haustorium development associated SSH library in <i>Thesium chinense</i> and analysis of specific ESTs included by <i>Imperata cylindrica</i> . <i>Biochemical Systematics and Ecology</i> , 2016, 64, 46-52.	1.3	7

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19	Effects of indigowoad root ( <i>Radix Isatidis</i> ) on the immune responses and HSP70 gene expression of medicinal leeches ( <i>Poecilobdella manillensis</i> ) under <i>Proteus mirabilis</i> infection. <i>Aquaculture</i> , 2016, 454, 44-55.	3.5	6
20	Effects of light spectrum and intensity on growth, survival and physiology of leech ( <i>Whitmania</i> )	1.8	6
21	Effect of soil moisture regimes in the early flowering stage on inflorescence morphology and medicinal ingredients of <i>Chrysanthemum morifolium</i> Ramat. Cv. "Hangju". <i>Scientia Horticulturae</i> , 2020, 260, 108849.	3.6	5
22	Genetic diversity analysis of <i>Perinereis aibuhitensis</i> based on ISSR and SRAP markers of Chinese coast populations. <i>Biochemical Systematics and Ecology</i> , 2014, 57, 262-269.	1.3	4
23	Title is missing!. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2016, 16, .	0.9	4
24	Phosphorus and iron in soil play dominating roles in regulating bioactive compounds of <i>Glechoma longituba</i> (Nakai) Kupr. <i>Scientia Horticulturae</i> , 2019, 256, 108534.	3.6	4
25	Variation in bioactive compounds of <i>Glechoma longituba</i> and its influential factors: Implication for advanced cultivation strategies. <i>Scientia Horticulturae</i> , 2019, 244, 182-192.	3.6	4
26	Effects of culture conditions on <i>in vitro</i> bulblet induction in the medicinal plant <i>Amanita edulis</i> (Miq.) Honda. <i>Journal of Horticultural Science and Biotechnology</i> , 2017, 92, 660-667.	1.9	0