

Guoyin Kai

List of Publications by Year in descending order

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164
papers

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61945

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Soybean Processing Wastes: Novel Insights on Their Production, Extraction of Isoflavones, and Their Therapeutic Properties. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 6849-6863.	2.4	12
2	Chemical composition, cytotoxic and pro-inflammatory enzyme inhibitory properties of <i>Withania somnifera</i> (L.) Dunal root extracts. <i>South African Journal of Botany</i> , 2022, 151, 46-53.	1.2	7
3	Elicitation of (<i>E</i>)-2-Hexenal and 2,3-Butanediol on the Bioactive Compounds in Adventitious Roots of <i>Astragalus membranaceus</i> var. <i>mongholicus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 470-479.	2.4	7
4	A strategy for effective recovery of salvianolic acid a from <i>Salvia miltiorrhiza</i> (Danshen) through multiple interactions. <i>Composites Part B: Engineering</i> , 2022, 231, 109563.	5.9	5
5	Endophytic fungus <i>Pseudodidymocyrtis lobariellae</i> KL27 promotes taxol biosynthesis and accumulation in <i>Taxus chinensis</i> . <i>BMC Plant Biology</i> , 2022, 22, 12.	1.6	10
6	Dihydrotanshinone I inhibits ovarian tumor growth by activating oxidative stress through Keap1-mediated Nrf2 ubiquitination degradation. <i>Free Radical Biology and Medicine</i> , 2022, 180, 220-235.	1.3	27
7	Biological active ingredients of <i>Astragali Radix</i> and its mechanisms in treating cardiovascular and cerebrovascular diseases. <i>Phytomedicine</i> , 2022, 98, 153918.	2.3	29
8	Genome-Wide Analysis of U-box E3 Ubiquitin Ligase Family in Response to ABA Treatment in <i>Salvia miltiorrhiza</i> . <i>Frontiers in Plant Science</i> , 2022, 13, 829447.	1.7	5
9	SmbHLH60 and SmMYC2 antagonistically regulate phenolic acids and anthocyanins biosynthesis in <i>Salvia miltiorrhiza</i> . <i>Journal of Advanced Research</i> , 2022, 42, 205-219.	4.4	26
10	Transcriptome Analysis of <i>Stephania tetrandra</i> and Characterization of Norcochlorine-6-O-Methyltransferase Involved in Benzylisoquinoline Alkaloid Biosynthesis. <i>Frontiers in Plant Science</i> , 2022, 13, 874583.	1.7	0
11	Overexpression of SmSCR1 Promotes Tanshinone Accumulation and Hairy Root Growth in <i>Salvia miltiorrhiza</i> . <i>Frontiers in Plant Science</i> , 2022, 13, 860033.	1.7	3
12	Genome-wide survey of the GATA gene family in camptothecin-producing plant <i>Ophiorrhiza pumila</i> . <i>BMC Genomics</i> , 2022, 23, 256.	1.2	9
13	Chlorogenic acid alleviated liver fibrosis in methionine and choline deficient diet-induced nonalcoholic steatohepatitis in mice and its mechanism. <i>Journal of Nutritional Biochemistry</i> , 2022, 106, 109020.	1.9	21
14	Identification of WRKY transcription factors involved in regulating the biosynthesis of the anti-cancer drug camptothecin in <i>Ophiorrhiza pumila</i> . <i>Horticulture Research</i> , 2022, 9, .	2.9	24
15	Nano-priming as emerging seed priming technology for sustainable agriculture—recent developments and future perspectives. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	4.2	84
16	Total flavonoids from the dried root of <i>Tetrastigma hemsleyanum</i> Diels et Gilg inhibit colorectal cancer growth through PI3K/AKT/mTOR signaling pathway. <i>Phytotherapy Research</i> , 2022, 36, 4263-4277.	2.8	8
17	Research progress on the biosynthesis and metabolic engineering of the anti-cancer drug camptothecin in <i>Camptotheca acuminata</i> . <i>Industrial Crops and Products</i> , 2022, 186, 115270.	2.5	11
18	Cloning, characterization, and enzymatic identification of a new tryptophan decarboxylase from <i>Ophiorrhiza pumila</i> . <i>Biotechnology and Applied Biochemistry</i> , 2021, 68, 381-389.	1.4	14

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19	Biotechnological Exploration of Transformed Root Culture for Value-Added Products. <i>Trends in Biotechnology</i> , 2021, 39, 137-149.	4.9	71
20	Machine Learning Modeling for Ultrasonication-Mediated Fermentation of <i>Penicillium brevicompactum</i> to Enhance the Release of Mycophenolic Acid. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 777-786.	0.7	4
21	Systematic exploration of <i>Astragalus membranaceus</i> and <i>Panax ginseng</i> as immune regulators: Insights from the comparative biological and computational analysis. <i>Phytomedicine</i> , 2021, 86, 153077.	2.3	31
22	Transition-metal-free decarbonylative alkylation towards <i>N</i> -aryl α -hydroxy amides via triple C–C bond cleavages and their selective deuteration. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4814-4819.	2.3	6
23	The transcription factor OpWRKY2 positively regulates the biosynthesis of the anticancer drug camptothecin in <i>Ophiorrhiza pumila</i> . <i>Horticulture Research</i> , 2021, 8, 7.	2.9	45
24	Wasp Venom Biochemical Components and Their Potential in Biological Applications and Nanotechnological Interventions. <i>Toxins</i> , 2021, 13, 206.	1.5	46
25	First report of natural infection of potato virus Y on <i>Solanum nigrum</i> L. in China. <i>Journal of Plant Pathology</i> , 2021, 103, 691-691.	0.6	2
26	Inhibitory effect of hydnocarpin D on T-cell acute lymphoblastic leukemia via induction of autophagy-dependent ferroptosis. <i>Experimental Biology and Medicine</i> , 2021, 246, 1541-1553.	1.1	11
27	Beyond the Pandemic: COVID-19 Pandemic Changed the Face of Life. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5645.	1.2	32
28	Current advances of endophytes as a platform for production of anti-cancer drug camptothecin. <i>Food and Chemical Toxicology</i> , 2021, 151, 112113.	1.8	26
29	A Purified Biflavonoid Extract From <i>Selaginella moellendorffii</i> Alleviates Gout Arthritis via NLRP3/ASC/Caspase-1 Axis Suppression. <i>Frontiers in Pharmacology</i> , 2021, 12, 676297.	1.6	13
30	SmJRB1 positively regulates the accumulation of phenolic acid in <i>Salvia miltiorrhiza</i> . <i>Industrial Crops and Products</i> , 2021, 164, 113417.	2.5	17
31	Divergent camptothecin biosynthetic pathway in <i>Ophiorrhiza pumila</i> . <i>BMC Biology</i> , 2021, 19, 122.	1.7	23
32	Characterization and phylogenetic analysis of the complete chloroplast genome of <i>Ophiorrhiza pumila</i> (Rubiaceae). <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 1973-1975.	0.2	2
33	<i>Fritillaria thunbergii</i> Miq. (Zhe Beimu): A review on its traditional uses, phytochemical profile and pharmacological properties. <i>Food and Chemical Toxicology</i> , 2021, 153, 112289.	1.8	33
34	Overview of Bee Pollination and Its Economic Value for Crop Production. <i>Insects</i> , 2021, 12, 688.	1.0	128
35	Comprehensive transcriptomic analysis in response to abscisic acid in <i>Salvia miltiorrhiza</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 147, 389-404.	1.2	11
36	Medioresinol as a novel PGC-1 α activator prevents pyroptosis of endothelial cells in ischemic stroke through PPAR α -GOT1 axis. <i>Pharmacological Research</i> , 2021, 169, 105640.	3.1	38

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37	Recent advances in potential drug therapies combating COVID-19 and related coronaviruses-A perspective. <i>Food and Chemical Toxicology</i> , 2021, 154, 112333.	1.8	5
38	The basic helix-loop-helix transcription factor TabHLH1 increases chlorogenic acid and luteolin biosynthesis in <i>Taraxacum antungense</i> Kitag. <i>Horticulture Research</i> , 2021, 8, 195.	2.9	12
39	CRISPR/Cas9-mediated targeted mutagenesis of bZIP2 in <i>Salvia miltiorrhiza</i> leads to promoted phenolic acid biosynthesis. <i>Industrial Crops and Products</i> , 2021, 167, 113560.	2.5	31
40	Comparative analysis of metabolic variations, antioxidant potential and cytotoxic effects in different parts of <i>Chelidonium majus</i> L. <i>Food and Chemical Toxicology</i> , 2021, 156, 112483.	1.8	11
41	The Complete Chloroplast Genome Sequences of <i>Anisodus Acutangulus</i> and a Comparison with Other Solanaceae Species. <i>Clinical Complementary Medicine and Pharmacology</i> , 2021, 1, 100002.	0.9	2
42	The methyl jasmonate-responsive transcription factor SmMYB1 promotes phenolic acid biosynthesis in <i>Salvia miltiorrhiza</i> . <i>Horticulture Research</i> , 2021, 8, 10.	2.9	65
43	Recent Clinical Trials on Natural Products and Traditional Chinese Medicine Combating the COVID-19. <i>Indian Journal of Microbiology</i> , 2021, 61, 10-15.	1.5	17
44	Genome-Wide Identification and Comparative Analysis of the Teosinte Branched 1/Cycloidea/Proliferating Cell Factors 1/2 Transcription Factors Related to Anti-cancer Drug Camptothecin Biosynthesis in <i>Ophiorrhiza pumila</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 746648.	1.7	3
45	Differential transcriptome analysis of genes associated with the rhizome growth and sesquiterpene biosynthesis in <i>Atractylodes macrocephala</i> . <i>Industrial Crops and Products</i> , 2021, 173, 114141.	2.5	10
46	First Report of Corm Rot on Saffron Caused by <i>Penicillium solitum</i> in China. <i>Plant Disease</i> , 2020, 104, 579-579.	0.7	9
47	Functional genomics analysis reveals two novel genes required for littorine biosynthesis. <i>New Phytologist</i> , 2020, 225, 1906-1914.	3.5	52
48	Mycophenolate co-administration with quercetin via lipid-polymer hybrid nanoparticles for enhanced breast cancer management. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 24, 102147.	1.7	31
49	Benwamycins—G, Trialkyl-Substituted Benzene Derivatives from a Soil-Derived <i>Streptomyces</i> . <i>Journal of Natural Products</i> , 2020, 83, 111-117.	1.5	14
50	Probing the effect of quercetin 3-glucoside from <i>Dianthus superbus</i> L against influenza virus infection- In vitro and in silico biochemical and toxicological screening. <i>Food and Chemical Toxicology</i> , 2020, 135, 110985.	1.8	36
51	Application of micro/nanomaterials in adsorption and sensing of active ingredients in traditional Chinese medicine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 190, 113548.	1.4	12
52	Separation and identification of tubocapsanolide MAP and tubocapsunolide A, and the structure-activity relationship of their anti-TNBC activity. <i>Steroids</i> , 2020, 164, 108734.	0.8	4
53	Efficient Biosynthesis of (2 <i>S</i>)-Eriodictyol from (2 <i>S</i>)-Naringenin in <i>Saccharomyces cerevisiae</i> through a Combination of Promoter Adjustment and Directed Evolution. <i>ACS Synthetic Biology</i> , 2020, 9, 3288-3297.	1.9	35
54	Soybean processing waste: Potential antioxidant, cytotoxic and enzyme inhibitory activities. <i>Food Bioscience</i> , 2020, 38, 100778.	2.0	19

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55	Galactosylated chitosan-modified ethosomes combined with silk fibroin nanofibers is useful in transcutaneous immunization. <i>Journal of Controlled Release</i> , 2020, 327, 88-99.	4.8	28
56	Simultaneous promotion of tanshinone and phenolic acid biosynthesis in <i>Salvia miltiorrhiza</i> hairy roots by overexpressing <i>Arabidopsis</i> MYC2. <i>Industrial Crops and Products</i> , 2020, 155, 112826.	2.5	16
57	Overexpression of TaWRKY14 transcription factor enhances accumulation of chlorogenic acid in <i>Taraxacum antungense</i> Kitag and increases its resistance to powdery mildew. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 143, 665-679.	1.2	6
58	Novel Insight into Utilization of Flavonoid Glycosides and Biological Properties of Saffron (<i>Crocus sativus</i> L.) Flower Byproducts. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 10685-10696.	2.4	22
59	Copper-catalyzed asymmetric [3 + 3] annulation involving aziridines to construct tetrahydro-1 ² -carbolines. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3393-3398.	2.3	12
60	WRKY transcription factor OpWRKY1 acts as a negative regulator of camptothecin biosynthesis in <i>Ophiorrhiza pumila</i> hairy roots. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 142, 69-78.	1.2	23
61	COVID-19: Pathogenesis, cytokine storm and therapeutic potential of interferons. <i>Cytokine and Growth Factor Reviews</i> , 2020, 53, 66-70.	3.2	324
62	Improved phenolic acid content and bioactivities of <i>Salvia miltiorrhiza</i> hairy roots by genetic manipulation of RAS and CYP98A14. <i>Food Chemistry</i> , 2020, 331, 127365.	4.2	39
63	In vitro and in vivo anti-inflammatory effects of different extracts from <i>Epigynum auritum</i> through down-regulation of NF- κ B and MAPK signaling pathways. <i>Journal of Ethnopharmacology</i> , 2020, 261, 113105.	2.0	40
64	The Anticancer Properties of Tanshinones and the Pharmacological Effects of Their Active Ingredients. <i>Frontiers in Pharmacology</i> , 2020, 11, 193.	1.6	58
65	Aqueous extracts of <i>Lindera aggregata</i> (Sims) Kosterm leaves regulate serum/hepatic lipid and liver function in normal and hypercholesterolemic mice. <i>Journal of Pharmacological Sciences</i> , 2020, 143, 45-51.	1.1	11
66	ABA-responsive transcription factor bZIP1 is involved in modulating biosynthesis of phenolic acids and tanshinones in <i>Salvia miltiorrhiza</i> . <i>Journal of Experimental Botany</i> , 2020, 71, 5948-5962.	2.4	75
67	Liposomal Delivery of Mycophenolic Acid With Quercetin for Improved Breast Cancer Therapy in SD Rats. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 631.	2.0	28
68	Material basis, effect, and mechanism of ethanol extract of <i>Pinellia ternata</i> tubers on oxidative stress-induced cell senescence. <i>Phytomedicine</i> , 2020, 77, 153275.	2.3	17
69	Liposomal 9-Aminoacridine for Treatment of Ischemic Stroke: From Drug Discovery to Drug Delivery. <i>Nano Letters</i> , 2020, 20, 1542-1551.	4.5	40
70	Targeted metabolic engineering of committed steps improves anti-cancer drug camptothecin production in <i>Ophiorrhiza pumila</i> hairy roots. <i>Industrial Crops and Products</i> , 2020, 148, 112277.	2.5	49
71	Nanotechnologies in Food Science: Applications, Recent Trends, and Future Perspectives. <i>Nano-Micro Letters</i> , 2020, 12, 45.	14.4	300
72	Tanshinone and salvianolic acid biosynthesis are regulated by SmMYB98 in <i>Salvia miltiorrhiza</i> hairy roots. <i>Journal of Advanced Research</i> , 2020, 23, 1-12.	4.4	118

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73	SmMYB2 promotes salvianolic acid biosynthesis in the medicinal herb <i>Salvia miltiorrhiza</i> . <i>Journal of Integrative Plant Biology</i> , 2020, 62, 1688-1702.	4.1	84
74	Establishment and Application of a Dual-Labeling Time-Resolved Fluorescence Immunoassay Method for Simultaneous Detection of the Troponin I-C Complex and Full-Size-Troponin I. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 596051.	1.1	8
75	Integrated analysis of the transcriptome, metabolome and analgesic effect provide insight into potential applications of different parts of <i>Lindera aggregata</i> . <i>Food Research International</i> , 2020, 138, 109799.	2.9	19
76	Bioactivities, biosynthesis and biotechnological production of phenolic acids in <i>Salvia miltiorrhiza</i> . <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 953-964.	5.4	178
77	Tumor-targeted biodegradable multifunctional nanoparticles for cancer theranostics. <i>Chemical Engineering Journal</i> , 2019, 378, 122171.	6.6	22
78	<i>Salvia miltiorrhiza</i> in Treating Cardiovascular Diseases: A Review on Its Pharmacological and Clinical Applications. <i>Frontiers in Pharmacology</i> , 2019, 10, 753.	1.6	189
79	Subcritical water extraction of withanosides and withanolides from ashwagandha (<i>Withania</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.8	36
80	Cerebrolysin Ameliorates Focal Cerebral Ischemia Injury Through Neuroinflammatory Inhibition via CREB/PGC-1 β Pathway. <i>Frontiers in Pharmacology</i> , 2019, 10, 1245.	1.6	45
81	Polyethylenimine and sodium cholate-modified ethosomes complex as multidrug carriers for the treatment of melanoma through transdermal delivery. <i>Nanomedicine</i> , 2019, 14, 2395-2408.	1.7	26
82	Protective effects of raspberry on the oxidative damage in HepG2 cells through Keap1/Nrf2-dependent signaling pathway. <i>Food and Chemical Toxicology</i> , 2019, 133, 110781.	1.8	36
83	Transcription Factor OpWRKY3 Is Involved in the Development and Biosynthesis of Camptothecin and Its Precursors in <i>Ophiorrhiza pumila</i> Hairy Roots. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3996.	1.8	34
84	Epigynumgenane-type pregnane glycosides from <i>Epigynum cochinchinensis</i> and their immunosuppressive activity. <i>Phytochemistry</i> , 2019, 168, 112127.	1.4	17
85	Building Microbial Hosts for Heterologous Production of <i>N</i> -Methylpyrrolinium. <i>ACS Synthetic Biology</i> , 2019, 8, 257-263.	1.9	16
86	The involvement of DAMPs-mediated inflammation in cyclophosphamide-induced liver injury and the protection of liquiritigenin and liquiritin. <i>European Journal of Pharmacology</i> , 2019, 856, 172421.	1.7	30
87	Acute and subacute toxicity evaluation of ethanol extract from aerial parts of <i>Epigynum auritum</i> in mice. <i>Food and Chemical Toxicology</i> , 2019, 131, 110534.	1.8	45
88	2,4-Dihydroxy-6-methoxy-5-dimethylchalcone induced apoptosis and G1 cell cycle arrest through PI3K/AKT pathway in BEL-7402/5-FU cells. <i>Food and Chemical Toxicology</i> , 2019, 131, 110533.	1.8	19
89	Exploitation of apple pomace towards extraction of triterpenic acids, antioxidant potential, cytotoxic effects, and inhibition of clinically important enzymes. <i>Food and Chemical Toxicology</i> , 2019, 131, 110563.	1.8	39
90	Tanshinone production could be increased by the expression of SmWRKY2 in <i>Salvia miltiorrhiza</i> hairy roots. <i>Plant Science</i> , 2019, 284, 1-8.	1.7	82

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91	The AP2/ERF transcription factor SmERF1L1 regulates the biosynthesis of tanshinones and phenolic acids in <i>Salvia miltiorrhiza</i> . <i>Food Chemistry</i> , 2019, 274, 368-375.	4.2	100
92	The biosynthesis of phenolic acids is positively regulated by the JA-responsive transcription factor ERF115 in <i>Salvia miltiorrhiza</i> . <i>Journal of Experimental Botany</i> , 2019, 70, 243-254.	2.4	120
93	Biochemistry, Biosynthesis, and Medicinal Properties of Phenolic Acids in <i>Salvia miltiorrhiza</i> . <i>Compendium of Plant Genomes</i> , 2019, , 141-162.	0.3	1
94	<i>Cirsium Japonicum</i> DC ingredients-loaded silk fibroin nanofibrous matrices with excellent hemostatic activity. <i>Biomedical Physics and Engineering Express</i> , 2018, 4, 025035.	0.6	5
95	Biotechnological Interventions of Hairy Roots of Tropane Alkaloid-Bearing Plants. , 2018, , 71-93.		4
96	Purification and identification of an actinomycin D analogue from actinomycetes associated with <i>Ganoderma applanatum</i> via magnetic molecularly imprinted polymers and tandem mass spectrometry. <i>Food and Chemical Toxicology</i> , 2018, 119, 150-160.	1.8	2
97	Transcription Factor SmWRKY1 Positively Promotes the Biosynthesis of Tanshinones in <i>Salvia miltiorrhiza</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 554.	1.7	92
98	The MYB107 Transcription Factor Positively Regulates Suberin Biosynthesis. <i>Plant Physiology</i> , 2017, 173, 1045-1058.	2.3	79
99	Comprehensive transcriptome profiling of <i>Salvia miltiorrhiza</i> for discovery of genes associated with the biosynthesis of tanshinones and phenolic acids. <i>Scientific Reports</i> , 2017, 7, 10554.	1.6	77
100	Molecular cloning and characterization of two 1-deoxy-d-xylulose-5-phosphate synthase genes involved in tanshinone biosynthesis in <i>Salvia miltiorrhiza</i> . <i>Molecular Breeding</i> , 2016, 36, 1.	1.0	39
101	Methyl jasmonate induction of tanshinone biosynthesis in <i>Salvia miltiorrhiza</i> hairy roots is mediated by JASMONATE ZIM-DOMAIN repressor proteins. <i>Scientific Reports</i> , 2016, 6, 20919.	1.6	71
102	Enhanced Diterpene Tanshinone Accumulation and Bioactivity of Transgenic <i>Salvia miltiorrhiza</i> Hairy Roots by Pathway Engineering. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 2523-2530.	2.4	143
103	Overexpression of a <i>Brassica campestris</i> HSP70 in tobacco confers enhanced tolerance to heat stress. <i>Protoplasma</i> , 2016, 253, 637-645.	1.0	44
104	Co-overexpression of geraniol-10-hydroxylase and strictosidine synthase improves anti-cancer drug camptothecin accumulation in <i>Ophiorrhiza pumila</i> . <i>Scientific Reports</i> , 2015, 5, 8227.	1.6	81
105	Advance in Dietary Polyphenols as Aldose Reductases Inhibitors: Structure-Activity Relationship Aspect. <i>Critical Reviews in Food Science and Nutrition</i> , 2015, 55, 16-31.	5.4	58
106	Molecular cloning and expression analysis of a Cu/Zn SOD gene (BcCSD1) from <i>Brassica campestris</i> ssp. <i>chinensis</i> . <i>Food Chemistry</i> , 2015, 186, 306-311.	4.2	15
107	Transcriptome exploration for further understanding of the tropane alkaloids biosynthesis in <i>Anisodus acutangulus</i> . <i>Molecular Genetics and Genomics</i> , 2015, 290, 1367-1377.	1.0	18
108	Biosynthesis and biotechnological production of anti-cancer drug Camptothecin. <i>Phytochemistry Reviews</i> , 2015, 14, 525-539.	3.1	66

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109	Effects of methyl jasmonate and salicylic acid on tanshinone production and biosynthetic gene expression in transgenic <i>Salvia miltiorrhiza</i> hairy roots. <i>Biotechnology and Applied Biochemistry</i> , 2015, 62, 24-31.	1.4	161
110	Risk assessment, formation, and mitigation of dietary acrylamide: Current status and future prospects. <i>Food and Chemical Toxicology</i> , 2014, 69, 1-12.	1.8	103
111	Increased accumulation of the cardio-cerebrovascular disease treatment drug tanshinone in <i>Salvia miltiorrhiza</i> hairy roots by the enzymes 3-hydroxy-3-methylglutaryl CoA reductase and 1-deoxy-d-xylulose 5-phosphate reductoisomerase. <i>Functional and Integrative Genomics</i> , 2014, 14, 603-615.	1.4	101
112	A Review on Structure-Activity Relationship of Dietary Polyphenols Inhibiting α -Amylase. <i>Critical Reviews in Food Science and Nutrition</i> , 2013, 53, 497-506.	5.4	250
113	Advance in Dietary Polyphenols as α -Glucosidases Inhibitors: A Review on Structure-Activity Relationship Aspect. <i>Critical Reviews in Food Science and Nutrition</i> , 2013, 53, 818-836.	5.4	259
114	Biosynthesis of Tanshinones and Metabolic Regulation in Danshen (<i>Salvia miltiorrhiza</i>). <i>Asian Journal of Chemistry</i> , 2013, 25, 10028-10032.	0.1	2
115	A Review of Dietary Polyphenol-Plasma Protein Interactions: Characterization, Influence on the Bioactivity, and Structure-Affinity Relationship. <i>Critical Reviews in Food Science and Nutrition</i> , 2012, 52, 85-101.	5.4	198
116	Enhancing the production of tropane alkaloids in transgenic <i>Anisodus acutangulus</i> hairy root cultures by over-expressing tropinone reductase I and hyoscyamine-6 β -hydroxylase. <i>Molecular BioSystems</i> , 2012, 8, 2883.	2.9	50
117	Expression of <i>Monstera deliciosa</i> agglutinin gene (<i>mda</i>) in tobacco confers resistance to peach-potato aphids. <i>Integrative Biology (United Kingdom)</i> , 2012, 4, 937.	0.6	5
118	Effect of CdTe QDs on the protein-drug interactions. <i>Nanotoxicology</i> , 2012, 6, 304-314.	1.6	13
119	Glycation of plasma proteins in type II diabetes lowers the non-covalent interaction affinities for dietary polyphenols. <i>Integrative Biology (United Kingdom)</i> , 2012, 4, 502.	0.6	26
120	Molecular mechanism of elicitor-induced tanshinone accumulation in <i>Salvia miltiorrhiza</i> hairy root cultures. <i>Acta Physiologiae Plantarum</i> , 2012, 34, 1421-1433.	1.0	87
121	The effects of elicitation on the expression of key enzyme genes and on production of tropane alkaloids in <i>Anisodus acutangulus</i> plant. <i>Biologia (Poland)</i> , 2012, 67, 352-359.	0.8	6
122	Effects of different elicitors on yield of tropane alkaloids in hairy roots of <i>Anisodus acutangulus</i> . <i>Molecular Biology Reports</i> , 2012, 39, 1721-1729.	1.0	40
123	Non-covalent interaction of dietary polyphenols with total plasma proteins of type II diabetes: molecular structure/property-affinity relationships. <i>Integrative Biology (United Kingdom)</i> , 2011, 3, 1087.	0.6	28
124	Effect of ZnO/ZnS QDs heterojunctions on the stilbenes-plasma proteins interactions. <i>Molecular BioSystems</i> , 2011, 7, 2452.	2.9	9
125	Development of the Visual Loop-Mediated Isothermal Amplification Assays for Seven Genetically Modified Maize Events and Their Application in Practical Samples Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 5914-5918.	2.4	57
126	Interaction of natural polyphenols with α -amylase in vitro: molecular property-affinity relationship aspect. <i>Molecular BioSystems</i> , 2011, 7, 1883.	2.9	72

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127	Interaction of dietary flavonoids with gamma-globulin: molecular property-binding affinity relationship aspect. <i>Food and Function</i> , 2011, 2, 137.	2.1	18
128	ZnO-ZnS QDs interfacial heterostructure for drug and food delivery application: enhancement of the binding affinities of flavonoid aglycones to bovine serum albumin. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 850-858.	1.7	40
129	Functional identification of hyoscyamine 6 ^β -hydroxylase from <i>Anisodus acutangulus</i> and overproduction of scopolamine in genetically-engineered <i>Escherichia coli</i> . <i>Biotechnology Letters</i> , 2011, 33, 1361-1365.	1.1	17
130	Molecular cloning and expression analysis of a new putative gene encoding 3-hydroxy-3-methylglutaryl-CoA synthase from <i>Salvia miltiorrhiza</i> . <i>Acta Physiologiae Plantarum</i> , 2011, 33, 953-961.	1.0	33
131	Expression of the zga agglutinin gene in tobacco can enhance its anti-pest ability for peach-potato aphid (<i>Myzus persica</i>). <i>Acta Physiologiae Plantarum</i> , 2011, 33, 2003-2010.	1.0	9
132	Co-expression of AaPMT and AaTRI effectively enhances the yields of tropane alkaloids in <i>Anisodus acutangulus</i> hairy roots. <i>BMC Biotechnology</i> , 2011, 11, 43.	1.7	51
133	Molecular structure- α ffinity relationship of natural polyphenols for bovine β -globulin. <i>Molecular Nutrition and Food Research</i> , 2011, 55, S86-92.	1.5	41
134	Metabolic engineering tanshinone biosynthetic pathway in <i>Salvia miltiorrhiza</i> hairy root cultures. <i>Metabolic Engineering</i> , 2011, 13, 319-327.	3.6	256
135	Characterization, expression profiling, and functional identification of a gene encoding geranylgeranyl diphosphate synthase from <i>Salvia miltiorrhiza</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2010, 15, 236-245.	1.4	52
136	Molecular cloning and characterization of glutamate decarboxylase cDNA from the giant-embryo <i>Oryza sativa</i> . <i>Archives of Biological Sciences</i> , 2010, 62, 873-879.	0.2	5
137	Molecular characterization and expression analysis of a new cDNA encoding strictosidine synthase from <i>Ophiorrhiza japonica</i> . <i>Molecular Biology Reports</i> , 2009, 36, 1845-1852.	1.0	36
138	Molecular cloning, characterization and expression analysis of a new gene encoding 3-hydroxy-3-methylglutaryl coenzyme A reductase from <i>Salvia miltiorrhiza</i> . <i>Acta Physiologiae Plantarum</i> , 2009, 31, 565-572.	1.0	90
139	Molecular characterization and expression of 1-deoxy-d-xylulose 5-phosphate reductoisomerase (DXR) gene from <i>Salvia miltiorrhiza</i> . <i>Acta Physiologiae Plantarum</i> , 2009, 31, 1015-1022.	1.0	55
140	Molecular characterization and expression analysis of two distinct putrescine N ¹ -methyltransferases from roots of <i>Anisodus acutangulus</i> . <i>Physiologia Plantarum</i> , 2009, 135, 121-129.	2.6	26
141	Molecular cloning and characterization of two tropinone reductases in <i>Anisodus acutangulus</i> and enhancement of tropane alkaloid production in AaTRI-transformed hairy roots. <i>Biotechnology and Applied Biochemistry</i> , 2009, 54, 177-186.	1.4	37
142	Optimization of induction and culture conditions and tropane alkaloid production in hairy roots of <i>Anisodus acutangulus</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2008, 13, 606-612.	1.4	31
143	Metabolic Engineering of Plant L-Ascorbic Acid Biosynthesis: Recent Trends and Applications. <i>Critical Reviews in Biotechnology</i> , 2007, 27, 173-182.	5.1	47
144	Molecular cloning and heterologous expression of a 10-deacetylbaocatin III-10-O-acetyl transferase cDNA from <i>Taxus x media</i> . <i>Molecular Biology Reports</i> , 2007, 34, 89-95.	1.0	8

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145	Tropane alkaloids production in transgenic <i>Hyoscyamus niger</i> hairy root cultures over-expressing Putrescine N-methyltransferase is methyl jasmonate-dependent. <i>Planta</i> , 2007, 225, 887-896.	1.6	82
146	Molecular Cloning and Characterization of a New cDNA Encoding Hyoscyamine 6 β -hydroxylase from Roots of <i>Anisodus acutangulus</i> . <i>BMB Reports</i> , 2007, 40, 715-722.	1.1	30
147	Isolation and Expression Profile Analysis of a New cDNA Encoding 5-alpha-taxadienol-10-beta-hydroxylase from <i>Taxus media</i> . <i>Journal of Plant Biochemistry and Biotechnology</i> , 2006, 15, 1-5.	0.9	6
148	Cloning of taxane 2 β -O-benzoyltransferase (TBT) genomic DNA from <i>Taxus</i> . <i>Biologia (Poland)</i> , 2006, 61, 327-329.	0.8	0
149	Molecular characterization and expression analysis of a gene encoding mannose-binding lectin from bulb of <i>Zephyranthes grandiflora</i> . <i>Biologia (Poland)</i> , 2006, 61, 671-677.	0.8	5
150	Molecular Cloning of a HMG-CoA Reductase Gene from <i>Eucommia ulmoides</i> Oliver. <i>Bioscience Reports</i> , 2006, 26, 171-181.	1.1	45
151	Investigation on Genetic Relationship and Cross Compatibility of <i>S. lycopersicoides</i> and <i>Lycopersicon</i> . <i>Pakistan Journal of Biological Sciences</i> , 2006, 9, 1160-1168.	0.2	2
152	Molecular Cloning and Characterization of cDNA Encoding Taxane 2 β -O-benzoyltransferase, Catalyzing Taxol Biosynthesis from <i>Taxus media</i> . <i>Journal of Biological Sciences</i> , 2006, 6, 651-658.	0.1	0
153	cDNA cloning and characterization of a mannose-binding lectin from <i>Zingiber officinale</i> Roscoe (ginger) rhizomes. <i>Journal of Biosciences</i> , 2005, 30, 213-220.	0.5	19
154	An intron-free methyl jasmonate inducible geranylgeranyl diphosphate synthase gene from <i>Taxus media</i> and its functional identification in yeast. <i>Molecular Biology</i> , 2005, 39, 11-17.	0.4	15
155	Molecular cloning and characterization of a 1-deoxy-d-xylulose 5-phosphate reductoisomerase gene from <i>Ginkgo biloba</i> . <i>DNA Sequence</i> , 2005, 16, 111-120.	0.7	30
156	Molecular cloning and characterization of an anti-bolting related gene (BrpFLC) from <i>Brassica rapa</i> ssp. <i>Pekinensis</i> . <i>Plant Science</i> , 2005, 168, 407-413.	1.7	16
157	Characterization and Expression Profile Analysis of a New cDNA Encoding Taxadiene Synthase from <i>Taxus media</i> . <i>BMB Reports</i> , 2005, 38, 668-675.	1.1	21
158	Isolation and characterization of a new mannose-binding lectin gene from <i>Taxus media</i> . <i>Journal of Biosciences</i> , 2004, 29, 399-407.	0.5	18
159	Cloning and expression analysis of a water stress-induced gene from <i>Brassica oleracea</i> . <i>Plant Physiology and Biochemistry</i> , 2004, 42, 789-794.	2.8	13
160	Engineering tropane biosynthetic pathway in <i>Hyoscyamus niger</i> hairy root cultures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6786-6791.	3.3	275
161	Molecular cloning and characterization of a taxadienol acetyl transferase cDNA from <i>Taxus x media</i> . <i>Plant Science</i> , 2004, 167, 759-764.	1.7	26
162	Molecular Cloning of a New Lectin Gene from <i>Z. grandiflora</i> . <i>DNA Sequence</i> , 2003, 14, 335-338.	0.7	7

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163	Transcriptome response of cold-pretreated <i>Pantoea agglomerans</i> KSC03 to exogenous green leaf volatile E-2-hexenal. <i>Chemoecology</i> , 0, , .	0.6	0
164	First Report of Leaf Spot of <i>Atractylodes macrocephala</i> Caused by <i>Fusarium commune</i> in Zhejiang province, China. <i>Plant Disease</i> , 0, , .	0.7	0