Fuliang Cao

List of Publications by Year in Descending Order

105 papers	1,707 citations	24 h-index	35 g-index
111 ext. papers	2,366 ext. citations	4.3 avg, IF	5.13 L-index

#	Paper	IF	Citations
105	Enhancement of growth, antioxidative status, nonspecific immunity, and disease resistance in gibel carp (Carassius auratus) in response to dietary Flos populi extract.. *Fish Physiology and Biochemistry*, **2022**, 48, 67	2.7	1
104	Phytochemicals and bioactivities of Goji (Lycium barbarum L. and Lycium chinense Mill.) leaves and their potential applications in the food industry: a review. *International Journal of Food Science and Technology*, **2022**, 57, 1451-1461	3.8	3
103	Traditional uses, phytochemistry, pharmacology and current uses of underutilized Xanthoceras sorbifolium bunge: A review. *Journal of Ethnopharmacology*, **2022**, 283, 114747	5	0
102	A Facile Method to Determine the Native Contents of 4R-Methylpyridoxine and 4R-Methylpyridoxine-5Rglucoside in Seeds. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 14270-14277	5.7	1
101	Taxus yunnanensis genome offers insights into gymnosperm phylogeny and taxol production. *Communications Biology*, **2021**, 4, 1203	6.7	2
100	Leaf Color Changes and Photosynthetic Characteristics of Five Superior Late-deciduous Ginkgo biloba Cultivars. *Hortscience: A Publication of the American Society for Hortcultural Science*, **2021**, 1-7	2.4	0
99	Concentrated extract of Prunus mume fruit exerts dual effects in 3T3-L1 adipocytes by inhibiting adipogenesis and inducing beiging/browning. *Food and Nutrition Research*, **2021**, 65,	3.1	1
98	Systematic investigation and expression profiles of the GbR2R3-MYB transcription factor family in ginkgo (Ginkgo biloba L.). *International Journal of Biological Macromolecules*, **2021**, 172, 250-262	7.9	4
97	Molecular cloning and expression analysis of a WRKY transcription factor gene, , from. *Plant Signaling and Behavior*, **2021**, 16, 1930442	2.5	1
96	Physiological and biochemical responses of two precious Carpinus species to high-concentration NO stress and their natural recovery. *Scientific Reports*, **2021**, 11, 9500	4.9	0
95	The nearly complete genome of Ginkgo biloba illuminates gymnosperm evolution. *Nature Plants*, **2021**, 7, 748-756	11.5	11
94	Submerged fermentation of Ginkgo biloba seed powder using Eurotium cristatum for the development of ginkgo seeds fermented products. *Journal of the Science of Food and Agriculture*, **2021**, 101, 1782-1791	4.3	8
93	Efficient removal of ginkgotoxin from Ginkgo biloba seed powder by combining endogenous enzymatic hydrolysis with resin adsorption. *Journal of the Science of Food and Agriculture*, **2021**, 101, 1589-1597	4.3	4
92	Structural characterization and comparative analysis of the chloroplast genome of Ginkgo biloba and other gymnosperms. *Journal of Forestry Research*, **2021**, 32, 765-778	2	8
91	Dietary Supplementation of Octacosanol Improves Exercise-Induced Fatigue and Its Molecular Mechanism. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 7603-7618	5.7	2
90	Ginkgo Seed Proteins: Characteristics, Functional Properties and Bioactivities. *Plant Foods for Human Nutrition*, **2021**, 76, 281-291	3.9	3
89	Isovitexin Inhibits Ginkgolic Acids-Induced Inflammation Through Downregulating SHP2 Activation. *Frontiers in Pharmacology*, **2021**, 12, 630320	5.6	1

88	Ginkgo biloba L. Responds to Red and Blue Light: Via Phenylpropanoid and Flavonoid Biosynthesis Pathway. *Forests*, **2021**, 12, 1079	2.8	0
87	Optimizing the Desorption Technology of Total Flavonoids of from Separating Materials of Activated Carbon.. *ACS Omega*, **2021**, 6, 35002-35013	3.9	0
86	Genome-Wide Identification and Coexpression Network Analysis of DNA Methylation Pathway Genes and Their Differentiated Functions in Ginkgo biloba L.. *Forests*, **2020**, 11, 1076	2.8	3
85	Synthesis of novel, DNA binding heterocyclic dehydroabietylamine derivatives as potential antiproliferative and apoptosis-inducing agents. *Drug Delivery*, **2020**, 27, 216-227	7	5
84	A Binary-Based Matrix Model for Corolla Symmetry and Its Variational Significance. *Frontiers in Plant Science*, **2020**, 11, 416	6.2	1
83	Effects of dietary fish meal replacement by fermented moringa (Moringa oleifera Lam.) leaves on growth performance, nonspecific immunity and disease resistance against Aeromonas hydrophila in juvenile gibel carp (Carassius auratus gibelio var. CAS III). *Fish and Shellfish Immunology*, **2020**, 102, 430-439	4.3	16
82	The complete genome of lytic Salmonella phage vB_SenM-PA13076 and therapeutic potency in the treatment of lethal Salmonella Enteritidis infections in mice. *Microbiological Research*, **2020**, 237, 126471	5.3	24
81	Synthesis and high antiproliferative activity of dehydroabietylamine pyridine derivatives in vitro and in vivo. *Biochemical Journal*, **2020**, 477, 2383-2399	3.8	1
80	Dietary supplementation with fermented moringa oleifera leaves inhibits the lipogenesis in the liver of meat ducks. *Animal Feed Science and Technology*, **2020**, 260, 114336	3	4
79	Afforestation and agroforestry enhance soil nutrient status and carbon sequestration capacity in eastern China. *Land Degradation and Development*, **2020**, 31, 392-403	4.4	8
78	Multifeature analyses of vascular cambial cells reveal longevity mechanisms in old trees. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 2201-2210	11.5	39
77	Regulation of flavonoid metabolism in ginkgo leaves in response to different day-night temperature combinations. *Plant Physiology and Biochemistry*, **2020**, 147, 133-140	5.4	9
76	Metabolomic and transcriptomic analyses of mutant yellow leaves provide insights into pigment synthesis and metabolism in Ginkgo biloba. *BMC Genomics*, **2020**, 21, 858	4.5	4
75	Selection of Suitable Reference Genes Based on Transcriptomic Data in Ginkgo biloba under Different Experimental Conditions. *Forests*, **2020**, 11, 1217	2.8	4
74	Quantifying vertical profiles of biochemical traits for forest plantation species using advanced remote sensing approaches. *Remote Sensing of Environment*, **2020**, 250, 112041	13.2	10
73	Synergistic Effects of Ginkgolide B and Protocatechuic Acid on the Treatment of Parkinson's Disease. *Molecules*, **2020**, 25,	4.8	10
72	Effective Release of Intracellular Enzymes by Permeating the Cell Membrane with Hydrophobic Deep Eutectic Solvents. *ChemBioChem*, **2020**, 21, 672-680	3.8	11
71	Production of isoorientin and isovitexin from luteolin and apigenin using coupled catalysis of glycosyltransferase and sucrose synthase. *Applied Biochemistry and Biotechnology*, **2020**, 190, 601-615	3.2	9

70	Synthesis of Isorhamnetin-3--Rhamnoside by a Three-Enzyme (Rhamnosyltransferase, Glycine Max Sucrose Synthase, UDP-Rhamnose Synthase) Cascade Using a UDP-Rhamnose Regeneration System. *Molecules*, **2019**, 24,	4.8	3
69	Improvement of the Quality of Ginkgo biloba Leaves Fermented by Eurotium cristatum as High Value-Added Feed. *Processes*, **2019**, 7, 627	2.9	5
68	Bilobalide Suppresses Adipogenesis in 3T3-L1 Adipocytes via the AMPK Signaling Pathway. *Molecules*, **2019**, 24,	4.8	13
67	Ginkgo agroforestry practices alter the fungal community structures at different soil depths in Eastern China. *Environmental Science and Pollution Research*, **2019**, 26, 21253-21263	5.1	7
66	Effects of Eglucosidase and Hhamnosidase on the Contents of Flavonoids, Ginkgolides, and Aroma Components in Ginkgo Tea Drink. *Molecules*, **2019**, 24,	4.8	10
65	Assessment of Individual Tree Detection and Canopy Cover Estimation using Unmanned Aerial Vehicle based Light Detection and Ranging (UAV-LiDAR) Data in Planted Forests. *Remote Sensing*, **2019**, 11, 908	5	50
64	Leaf litter and crop residue decomposition in ginkgo agroforestry systems in eastern China: Soil fauna diversity and abundance, microbial biomass and nutrient release. *Journal of Forestry Research* , **2019**, 30, 1895-1902	2	1
63	Transcriptional profiling of long noncoding RNAs associated with leaf-color mutation in Ginkgo biloba L. *BMC Plant Biology*, **2019**, 19, 527	5.3	12
62	Phenotypic variation of floral organs in Malus using frequency distribution functions. *BMC Plant Biology*, **2019**, 19, 574	5.3	3
61	The genetic diversity and population structure of Sophora alopecuroides (Faboideae) as determined by microsatellite markers developed from transcriptome. *PLoS ONE*, **2019**, 14, e0226100	3.7	5
60	Efficient saccharification of agave biomass using Aspergillus niger produced low-cost enzyme cocktail with hyperactive pectinase activity. *Bioresource Technology*, **2019**, 272, 26-33	11	23
59	Efficient Biotransformation of Luteolin to Isoorientin through Adjusting Induction Strategy, Controlling Acetic Acid, and Increasing UDP-Glucose Supply in Escherichia coli. *Journal of Agricultural and Food Chemistry*, **2019**, 67, 331-340	5.7	17
58	Delignification overmatches hemicellulose removal for improving hydrolysis of wheat straw using the enzyme cocktail from Aspergillus niger. *Bioresource Technology*, **2019**, 274, 459-467	11	15
57	Modulating heterologous pathways and optimizing fermentation conditions for biosynthesis of kaempferol and astragalin from naringenin in Escherichia coli. *Journal of Industrial Microbiology and Biotechnology*, **2019**, 46, 171-186	4.2	8
56	High anticancer potency on tumor cells of dehydroabietylamine Schiff-base derivatives and a copper(II) complex. *European Journal of Medicinal Chemistry*, **2018**, 146, 451-459	6.8	40
55	Quercetin-coated Fe3O4 nanoparticle sensors based on low-field NMR for determination and removal of Pb2+ and Cu2+ in biological samples. *Analytical Methods*, **2018**, 10, 2494-2502	3.2	15
54	Two-phase systems developed with hydrophilic and hydrophobic deep eutectic solvents for simultaneously extracting various bioactive compounds with different polarities. *Green Chemistry*, **2018**, 20, 1879-1886	10	94
53	Improvement of Quality and Digestibility of Moringa Oleifera Leaves Feed via Solid-State Fermentation by Aspergillus Niger. *International Journal of Chemical Reactor Engineering*, **2018**, 16,	1.2	5

52	Improvement of Animal Feed Additives of Ginkgo Leaves through Solid-state Fermentation using. *International Journal of Biological Sciences*, **2018**, 14, 736-747	11.2	26
51	Cloning and characterization of enoate reductase with high □onone to dihydro-□onone bioconversion productivity. *BMC Biotechnology*, **2018**, 18, 26	3.5	3
50	Identification of Human Acetylcholinesterase Inhibitors from the Constituents of EGb761 by Modeling Docking and Molecular Dynamics Simulations. *Combinatorial Chemistry and High Throughput Screening*, **2018**, 21, 41-49	1.3	19
49	Efficient extraction of proanthocyanidin from Ginkgo biloba leaves employing rationally designed deep eutectic solvent-water mixture and evaluation of the antioxidant activity. *Journal of Pharmaceutical and Biomedical Analysis*, **2018**, 158, 317-326	3.5	73
48	Genome-wide identification and characterization of novel lncRNAs in Ginkgo biloba. *Trees - Structure and Function*, **2018**, 32, 1429-1442	2.6	25
47	Decomposition of tree leaf litter and crop residues from ginkgo agroforestry systems in Eastern China: an in situ study. *Journal of Soils and Sediments*, **2018**, 18, 1424-1431	3.4	4
46	Ginkgo biloba extracts-loaded starch nano-spheres: Preparation, characterization, and in vitro release kinetics. *International Journal of Biological Macromolecules*, **2018**, 106, 148-157	7.9	23
45	The evaluation of parametric and non-parametric models for total forest biomass estimation using UAS-LiDAR **2018**,		2
44	Synthesis and potential antineoplastic activity of dehydroabietylamine imidazole derivatives. *MedChemComm*, **2018**, 9, 2091-2099	5	8
43	Estimating forest structural attributes using UAV-LiDAR data in Ginkgo plantations. *ISPRS Journal of Photogrammetry and Remote Sensing*, **2018**, 146, 465-482	11.8	81
42	Tailor-Made Deep Eutectic Solvents for Simultaneous Extraction of Five Aromatic Acids from Leaves. *Molecules*, **2018**, 23,	4.8	21
41	A Mutual Subsidy Mechanism for a Seasonal Product Supply Chain Channel Under Double Price Regulation. *Asia-Pacific Journal of Operational Research*, **2018**, 35, 1850047	0.8	1
40	Discrimination of Taxa with Different Scent Intensities Using Electronic Nose and Gas Chromatography?Mass Spectrometry. *Sensors*, **2018**, 18,	3.8	6
39	Antitumor, antioxidant and anti-inflammatory activities of kaempferol and its corresponding glycosides and the enzymatic preparation of kaempferol. *PLoS ONE*, **2018**, 13, e0197563	3.7	110
38	Deep eutectic solvents as green media for efficient extraction of terpene trilactones from Ginkgo biloba leaves. *Journal of Liquid Chromatography and Related Technologies*, **2017**, 40, 385-391	1.3	24
37	Identification and expression analysis under abiotic stress of the - genes in L. *Physiology and Molecular Biology of Plants*, **2017**, 23, 503-516	2.8	16
36	The antibacterial activity and mechanism of ginkgolic acid C15:1. *BMC Biotechnology*, **2017**, 17, 5	3.5	31
35	Mechanisms Underlying the Regulation of Root Formation in Malus hupehensis Stem Cuttings by Using Exogenous Hormones. *Journal of Plant Growth Regulation*, **2017**, 36, 174-185	4.7	8

34	A Highly Dense Genetic Map for Constructed Using Sequence-Based Markers. *Frontiers in Plant Science*, **2017**, 8, 1041	6.2	21
33	An Ecologically Based System for Sustainable Agroforestry in Sub-Tropical and Tropical Forests. *Forests*, **2017**, 8, 102	2.8	4
32	The effects of exogenous hormones on rooting process and the activities of key enzymes of Malus hupehensis stem cuttings. *PLoS ONE*, **2017**, 12, e0172320	3.7	20
31	Metabolic Engineering of Escherichia coli for Astragalin Biosynthesis. *Journal of Agricultural and Food Chemistry*, **2016**, 64, 7966-7972	5.7	26
30	Analysis of codon usage patterns in Ginkgo biloba reveals codon usage tendency from A/U-ending to G/C-ending. *Scientific Reports*, **2016**, 6, 35927	4.9	49
29	Effects of Enzymatic Hydrolysis Assisted by High Hydrostatic Pressure Processing on the Hydrolysis and Allergenicity of Proteins from Ginkgo Seeds. *Food and Bioprocess Technology*, **2016**, 9, 839-848	5.1	23
28	Alternative partial root-zone irrigation enhances leaf flavonoid accumulation and water use efficiency of Ginkgo biloba. *New Forests*, **2016**, 47, 377-391	2.6	12
27	Analysis on the Application of Bio-Nanotechnology in Forests Based on Fuzzy Comprehensive Assessment. *Journal of Computational and Theoretical Nanoscience*, **2016**, 13, 4625-4628	0.3	1
26	The Molecular Cloning and Expression Analysis of a CYP71 Gene in Ginkgo biloba L.. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, **2016**, 44, 77-84	1.2	2
25	The Effects of Fertilization on the Growth and Physiological Characteristics of Ginkgo biloba L.. *Forests*, **2016**, 7, 293	2.8	17
24	Comparative Proteomic and Physiological Analysis Reveals the Variation Mechanisms of Leaf Coloration and Carbon Fixation in a Xantha Mutant of Ginkgo biloba L. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	21
23	The transcript profiles of a putative early light-induced protein (ELIP) encoding gene in Ginkgo biloba L. under various stress conditions. *Acta Physiologiae Plantarum*, **2015**, 37, 1	2.6	2
22	A natural quercetin-based fluorescent sensor for highly sensitive and selective detection of copper ions. *Analytical Methods*, **2015**, 7, 4546-4551	3.2	29
21	Ce3+ induces flavonoids accumulation by regulation of pigments, ions, chlorophyll fluorescence and antioxidant enzymes in suspension cells of Ginkgo biloba L.. *Plant Cell, Tissue and Organ Culture* , **2015**, 123, 283-296	2.7	20
20	Enhanced Soil Carbon Storage under Agroforestry and Afforestation in Subtropical China. *Forests*, **2015**, 6, 2307-2323	2.8	11
19	Effect of varying NaCl doses on flavonoid production in suspension cells of Ginkgo biloba: relationship to chlorophyll fluorescence, ion homeostasis, antioxidant system and ultrastructure. *Acta Physiologiae Plantarum*, **2014**, 36, 3173-3187	2.6	24
18	Light intensity affects the growth and flavonol biosynthesis of Ginkgo (Ginkgo biloba L.). *New Forests*, **2014**, 45, 765-776	2.6	24
17	Temperature has more effects than soil moisture on biosynthesis of flavonoids in Ginkgo (Ginkgo biloba L.) leaves. *New Forests*, **2014**, 45, 797-812	2.6	16

16	Cloning and Expression of Stearoyl-ACP Desaturase and Two Oleate Desaturases Genes from Ginkgo biloba L.. *Plant Molecular Biology Reporter*, **2013**, 31, 633-648	1.7	9
15	Volatile Components of Pecan Leaves from Different Cultivars of Carya illinoensis Koch. *Journal of Essential Oil-bearing Plants: JEOP*, **2013**, 16, 144-150	1.7	4
14	Effects of feeding fermented Ginkgo biloba leaves on small intestinal morphology, absorption, and immunomodulation of early lipopolysaccharide-challenged chicks. *Poultry Science*, **2013**, 92, 119-30	3.9	39
13	Overexpression and characterization of a glucose-tolerant □glucosidase from Thermotoga thermarum DSM 5069T with high catalytic efficiency of ginsenoside Rb1 to Rd. *Journal of Molecular Catalysis B: Enzymatic*, **2013**, 95, 62-69		44
12	Effect of dietary supplementation with fermented Ginkgo-leaves on performance, egg quality, lipid metabolism and egg-yolk fatty acids composition in laying hens. *Livestock Science*, **2013**, 155, 77-85	1.7	20
11	Expression patterns of a cinnamyl alcohol dehydrogenase gene involved in lignin biosynthesis and environmental stress in Ginkgo biloba. *Molecular Biology Reports*, **2013**, 40, 707-21	2.8	33
10	Improving flavonoid extraction from Ginkgo biloba leaves by prefermentation processing. *Journal of Agricultural and Food Chemistry*, **2013**, 61, 5783-91	5.7	31
9	Soil microbiological properties and enzyme activity in Ginkgo□ea agroforestry compared with monoculture. *Agroforestry Systems*, **2013**, 87, 1201-1210	2	18
8	AGP: a multimethods web server for alignment-free genome phylogeny. *Molecular Biology and Evolution*, **2013**, 30, 1032-7	8.3	15
7	Sulfation of Agrocybe chaxingu polysaccharides can enhance the immune response in broiler chicks. *Journal of Applied Poultry Research*, **2013**, 22, 778-791	2	4
6	Effect of Chlorocholine Chloride on Chlorophyll, Photosynthesis, Soluble Sugar and Flavonoids of Ginkgo biloba. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, **2013**, 41, 97	1.2	11
5	Effect of feeding Aspergillus niger-fermented Ginkgo biloba-leaves on growth, small intestinal structure and function of broiler chicks. *Livestock Science*, **2012**, 147, 170-180	1.7	25
4	Expression of selected Ginkgo biloba heat shock protein genes after cold treatment could be induced by other abiotic stress. *International Journal of Molecular Sciences*, **2012**, 13, 5768-88	6.3	25
3	Integrated evaluation of soil fertility in Ginkgo (Ginkgo biloba L.) agroforestry systems in Jiangsu, China. *Agroforestry Systems*, **2011**, 83, 89-100	2	16
2	Molecular cloning and function assay of a chalcone isomerase gene (GbCHI) from Ginkgo biloba. *Plant Cell Reports*, **2011**, 30, 49-62	5.1	59
1	Effects of agricultural production on phosphorus losses from paddy soils: a case study in the Taihu Lake Region of China. *Wetlands Ecology and Management*, **2005**, 13, 25-33	2.1	12