Guibin Wang

List of Publications by Citations

87	837	16	24
papers	citations	h-index	g-index
94	1,340	4.3	4.78
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
87	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
86	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
85	De novo transcriptome analysis revealed genes involved in flavonoid biosynthesis, transport and regulation in Ginkgo biloba. *Industrial Crops and Products*, **2018**, 124, 226-235	5.9	44
84	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
83	Estimation of Forest Structural Attributes Using Spectral Indices and Point Clouds from UAS-Based Multispectral and RGB Imageries. *Remote Sensing*, **2019**, 11, 800	5	26
82	Estimating canopy structure and biomass in bamboo forests using airborne LiDAR data. *ISPRS Journal of Photogrammetry and Remote Sensing*, **2019**, 148, 114-129	11.8	26
81	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
80	Light intensity affects the growth and flavonol biosynthesis of Ginkgo (Ginkgo biloba L.). *New Forests*, **2014**, 45, 765-776	2.6	24
79	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
78	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
77	Effects of Spatial Pattern of Forest Vegetation on Urban Cooling in a Compact Megacity. *Forests*, **2019**, 10, 282	2.8	19
76	Integrated analysis of the transcriptome and metabolome in young and mature leaves of Ginkgo biloba L.. *Industrial Crops and Products*, **2020**, 143, 111906	5.9	19
75	Soil microbiological properties and enzyme activity in Ginkgo□ea agroforestry compared with monoculture. *Agroforestry Systems*, **2013**, 87, 1201-1210	2	18
74	The Effects of Fertilization on the Growth and Physiological Characteristics of Ginkgo biloba L.. *Forests*, **2016**, 7, 293	2.8	17
73	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
72	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
71	Vertical and seasonal variations of soil carbon pools in ginkgo agroforestry systems in eastern China. *Catena*, **2018**, 171, 450-459	5.8	16

70	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
69	Integrated evaluation of soil fertility in Ginkgo (Ginkgo biloba L.) agroforestry systems in Jiangsu, China. *Agroforestry Systems*, **2011**, 83, 89-100	2	16
68	Predicting the Bioclimatic Habitat Suitability of Ginkgo biloba L. in China with Field-Test Validations. *Forests*, **2019**, 10, 705	2.8	15
67	Interactions between elevated CO levels and floating aquatic plants on the alteration of bacterial function in carbon assimilation and decomposition in eutrophic waters. *Water Research*, **2020**, 171, 115398	12.5	14
66	Prediction of Forest Structural Parameters Using Airborne Full-Waveform LiDAR and Hyperspectral Data in Subtropical Forests. *Remote Sensing*, **2018**, 10, 1729	5	14
65	Metabolome and transcriptome analyses reveal flavonoids biosynthesis differences in Ginkgo biloba associated with environmental conditions. *Industrial Crops and Products*, **2020**, 158, 112963	5.9	13
64	Transcriptional profiling of long noncoding RNAs associated with leaf-color mutation in Ginkgo biloba L. *BMC Plant Biology*, **2019**, 19, 527	5.3	12
63	Enhanced Soil Carbon Storage under Agroforestry and Afforestation in Subtropical China. *Forests*, **2015**, 6, 2307-2323	2.8	11
62	The role of □aminobutyric acid in aluminum stress tolerance in a woody plant, Liriodendron chinense □tulipifera. *Horticulture Research*, **2021**, 8, 80	7.7	11
61	The nearly complete genome of Ginkgo biloba illuminates gymnosperm evolution. *Nature Plants*, **2021**, 7, 748-756	11.5	11
60	Estimating Tree Volume Distributions in Subtropical Forests Using Airborne LiDAR Data. *Remote Sensing*, **2019**, 11, 97	5	10
59	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
58	Predicting Suitable Habitats of Camptotheca acuminata Considering Both Climatic and Soil Variables. *Forests*, **2020**, 11, 891	2.8	10
57	SNP development and diversity analysis for Ginkgo biloba based on transcriptome sequencing. *Trees - Structure and Function*, **2019**, 33, 587-597	2.6	10
56	Efficient removal of ginkgolic acids from Ginkgo biloba leaves crude extract by using hydrophobic deep eutectic solvents. *Industrial Crops and Products*, **2021**, 166, 113462	5.9	10
55	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
54	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
53	Temporospatial Flavonoids Metabolism Variation in Leaves. *Frontiers in Genetics*, **2020**, 11, 589326	4.5	8

52	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
51	Overexpression of Provides a Potential to Improve the Content of Epicatechin and Gallocatechin. *Molecules*, **2020**, 25,	4.8	8
50	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
49	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
48	Overexpression of the ' Gene Enhanced the Epigallocatechin, Gallocatechin, and Catechin Contents in Transgenic. *Journal of Agricultural and Food Chemistry*, **2020**, 68, 998-1006	5.7	7
47	Peptide Hormone Genes Promote Primary Root Growth and Adventitious Root Formation. *Plants*, **2019**, 8,	4.5	7
46	Climate change impacts and forest adaptation in the Asia□Pacific region: from regional experts□ perspectives. *Journal of Forestry Research*, **2019**, 30, 277-293	2	6
45	Ginkgo biloba microRNA profiling reveals new insight into leaf color mutation. *Scientia Horticulturae*, **2020**, 265, 109189	4.1	6
44	Discrimination of Taxa with Different Scent Intensities Using Electronic Nose and Gas Chromatography?Mass Spectrometry. *Sensors*, **2018**, 18,	3.8	6
43	Collection and evaluation of thirty-seven pomegranate germplasm resources. *Applied Biological Chemistry*, **2020**, 63,	2.9	5
42	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
41	The Transcriptome of Cunninghamia lanceolata male/female cone reveal the association between MIKC MADS-box genes and reproductive organs development. *BMC Plant Biology*, **2020**, 20, 508	5.3	4
40	Extraction and biodegradation of ginkgolic acidsfrom Ginkgo biloba sarcotestae. *Frontiers of Agricultural Science and Engineering*, **2017**, 4, 465	1.7	4
39	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
38	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
37	Selection of Suitable Reference Genes Based on Transcriptomic Data in Ginkgo biloba under Different Experimental Conditions. *Forests*, **2020**, 11, 1217	2.8	4
36	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
35	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

34	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
33	Effects of three cropland afforestation practices on the vertical distribution of soil organic carbon pools and nutrients in eastern China. *Global Ecology and Conservation*, **2020**, 22, e00913	2.8	3
32	Dietary Supplementation with Fermented Radix astragalus-ginkgo Leaves Improves Antioxidant Capacity and Meat Quality in Broilers. *Pakistan Journal of Zoology*, **2020**, 52,	1.7	3
31	Metabolome and Transcriptome Analyses Reveal the Regulatory Mechanisms of Photosynthesis in Developing Leaves. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
30	Phenotypic variation of floral organs in Malus using frequency distribution functions. *BMC Plant Biology*, **2019**, 19, 574	5.3	3
29	Genome Sequence and Comparative Analysis of Isolated from Leaves. *Phytopathology*, **2020**, 110, 1260-1269	3.6	2
28	Combined application of bud and leaf growth fertilizer improves leaf flavonoids yield of Ginkgo biloba. *Industrial Crops and Products*, **2020**, 150, 112379	5.9	2
27	Zi Dieer Crabapple. *Hortscience: A Publication of the American Society for Hortcultural Science*, **2020**, 55, 272-274	2.4	2
26	Taxus yunnanensis genome offers insights into gymnosperm phylogeny and taxol production. *Communications Biology*, **2021**, 4, 1203	6.7	2
25	Fenghong Nichang Flowering Crabapple. *Hortscience: A Publication of the American Society for Hortcultural Science*, **2019**, 54, 1260-1262	2.4	2
24	Ben Balei Crabapple. *Hortscience: A Publication of the American Society for Hortcultural Science*, **2019**, 54, 1433-1434	2.4	2
23	The evaluation of parametric and non-parametric models for total forest biomass estimation using UAS-LiDAR **2018**,		2
22	**2018**,		2
21	A Binary-Based Matrix Model for Corolla Symmetry and Its Variational Significance. *Frontiers in Plant Science*, **2020**, 11, 416	6.2	1
20	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
19	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
18	Phenotypic Traits Extraction and Genetic Characteristics Assessment of Eucalyptus Trials Based on UAV-Borne LiDAR and RGB Images. *Remote Sensing*, **2022**, 14, 765	5	1
17	Molecular cloning and expression analysis of a WRKY transcription factor gene, , from. *Plant Signaling and Behavior*, **2021**, 16, 1930442	2.5	1

16	Exogenous hormone on episperm development and ginkgolic acid accumulation in Ginkgo biloba L. *Industrial Crops and Products*, **2021**, 160, 113140	5.9	1
15	Predicting suitable habitats of ginkgo biloba L. fruit forests in China. *Climate Risk Management*, **2021**, 34, 100364	4.6	1
14	**2018**,		1
13	Spatial prediction and delineation of Ginkgo biloba production areas under current and future climatic conditions. *Industrial Crops and Products*, **2021**, 166, 113444	5.9	1
12	Identification and cloning of GbMADS6, a SOC1 homolog gene involved in floral development in Ginkgo biloba. *Journal of Plant Biochemistry and Biotechnology*, **2021**, 30, 554-563	1.6	1
11	Gene Set Subtraction Reveals 633 Candidate Genes for Bamboo Culm Wall Thickening. *Forests*, **2020**, 11, 1331	2.8	0
10	The complete chloroplast genome of and its phylogenetic analysis. *Mitochondrial DNA Part B: Resources*, **2020**, 5, 2299-2300	0.5	0
9	Deforestation for Agriculture Temporarily Improved Soil Quality and Soil Organic Carbon Stocks. *Forests*, **2022**, 13, 228	2.8	0
8	Soil bacterial community composition and diversity response to land conversion is depth-dependent. *Global Ecology and Conservation*, **2021**, 32, e01923	2.8	0
7	Amino acid metabolism reprogramming in response to changing growth environment in Ginkgo biloba leaves. *LWT - Food Science and Technology*, **2021**, 144, 111276	5.4	0
6	Ginkgo biloba L. Responds to Red and Blue Light: Via Phenylpropanoid and Flavonoid Biosynthesis Pathway. *Forests*, **2021**, 12, 1079	2.8	0
5	Overexpression of Ginkgo BBX25 enhances salt tolerance in Transgenic Populus. *Plant Physiology and Biochemistry*, **2021**, 167, 946-954	5.4	0
4	Hydrothermal carbonization of waste ginkgo leaf residues for solid biofuel production: Hydrochar characterization and its pelletization. *Fuel*, **2022**, 324, 124341	7.1	0
3	Conduction of a chemical structure-guided metabolic phenotype analysis method targeting phenylpropane pathway via LC-MS: Ginkgo biloba and soybean as examples.. *Food Chemistry*, **2022**, 390, 133155	8.5	0
2	Technical efficiency analysis of the conversion of cropland to forestland program in Jiangxi, Shaanxi, and Sichuan. *International Journal of Sustainable Development and World Ecology*, **2019**, 26, 535-546	3.8	
1	Eliciting increased flavonoids content in Ginkgo biloba leaves through exogenous salicylic acid and methyl jasmonate treatments. *Canadian Journal of Forest Research*, **2021**, 51, 1339-1346	1.9	