

# Chunjie Li

## List of Publications by Year in descending order

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103  
papers

2,722  
citations

186265

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#	ARTICLE	IF	CITATIONS
1	Ergot Alkaloid and Endogenous Hormones Quantities and Relationship in Epichloa Endophyte: Drunken Horse Grass are Affected by Altitude. Journal of Plant Growth Regulation, 2023, 42, 1979-1990.	5.1	2
2	Epichloa Endophyte Improves Ergot Disease Resistance of Host (Achnatherum inebrians) by Regulating Leaf Senescence and Photosynthetic Capacity. Journal of Plant Growth Regulation, 2022, 41, 808-817.	5.1	7
3	Fungal Endophytes Help Grasses to Tolerate Sap-Sucking Herbivores Through a Hormone-Signaling System. Journal of Plant Growth Regulation, 2022, 41, 2122-2137.	5.1	8
4	A new bacterial leaf blight disease of oat (<i>Avena sativa</i>) caused by <i>Pantoea agglomerans</i> in China. Plant Pathology, 2022, 71, 470-478.	2.4	9
5	Identification and characterization of <i>Pyrenophora</i> species causing leaf spot on oat (<i>Avena) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.4	10
6	Pantoea agglomerans, a seed-borne plant pathogenic bacterium, decreased seed germination, seedling growth and seed quality of oat. European Journal of Plant Pathology, 2022, 162, 667-679.	1.7	3
7	A conceptual framework and an empirical test of complementarity and facilitation with respect to phosphorus uptake by plant species mixtures. Pedosphere, 2022, 32, 317-329.	4.0	5
8	Common mycorrhizal networks asymmetrically improve chickpea N and P acquisition and cause overyielding by a millet/chickpea mixture. Plant and Soil, 2022, 472, 279-293.	3.7	7
9	Quality and nutrition of oat seed as influenced by seed-borne fungal pathogens during storage. Journal of Plant Diseases and Protection, 2022, 129, 243-252.	2.9	3
10	NaCl stress modifies the concentrations of endophytic fungal hyphal and peramine in. Crop and Pasture Science, 2022, 73, 214-221.	1.5	2
11	Inoculation of Barley (Hordeum vulgare) with the Endophyte Epichloa bromicola Affects Plant Growth, and the Microbial Community in Roots and Rhizosphere Soil. Journal of Fungi (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.5	2
12	Photosynthetic responses of oat to leaf blight disease caused by Pantoea agglomerans. Journal of Plant Pathology, 2022, 104, 721-733.	1.2	4
13	Effect of Fungal Endophyte Epichloa bromicola Infection on Cd Tolerance in Wild Barley (Hordeum) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.5	9
14	Soil fungal and bacterial communities are altered by the incorporation of leaf litter containing a fungal endophyte. European Journal of Soil Science, 2022, 73, .	3.9	3
15	<i>Diplocarpon mespilicola</i> sp. nov. associated with <i>Entomosporium</i> leaf spot on Hawthorn in China. Plant Disease, 2022, , .	1.4	0
16	Soil biota is decisive for overyielding in intercropping under low phosphorus conditions. Journal of Applied Ecology, 2022, 59, 1804-1814.	4.0	5
17	Vertically Transmitted Epichloa Systemic Endophyte Enhances Drought Tolerance of Achnatherum inebrians Host Plants through Promoting Photosynthesis and Biomass Accumulation. Journal of Fungi (Basel, Switzerland), 2022, 8, 512.	3.5	6
18	First Report of Seedling Blight of Oat (<i>Avena sativa</i>) Caused by <i>Microdochium nivale</i> in China. Plant Disease, 2021, 105, 704-704.	1.4	2

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19	First Report of Leaf Spot Caused by <i>Alternaria alternata</i> on Italian Ryegrass ( <i>Lolium</i> )	1.4	3
20	A foliar <i>Epichloa</i> endophyte and soil moisture modified belowground arbuscular mycorrhizal fungal biodiversity associated with <i>Achnatherum inebrians</i> . <i>Plant and Soil</i> , 2021, 458, 105-122.	3.7	23
21	Creation of novel barley germplasm using an <i>Epichloa</i> endophyte. <i>Chinese Science Bulletin</i> , 2021, 66, 2608-2617.	0.7	5
22	Fungal endophyte <i>Epichloa bromicola</i> infection regulates anatomical changes to account for salt stress tolerance in wild barley ( <i>Hordeum brevisubulatum</i> ). <i>Plant and Soil</i> , 2021, 461, 533-546.	3.7	30
23	First Report of Ergot ( <i>Claviceps purpurea</i> ) on Drunken Horse Grass ( <i>Achnatherum inebrians</i> ) in China. <i>Plant Disease</i> , 2021, , .	1.4	0
24	Gene analysis reveals that leaf litter from <i>Epichloa</i> endophyte-infected perennial ryegrass alters diversity and abundance of soil microbes involved in nitrification and denitrification. <i>Soil Biology and Biochemistry</i> , 2021, 154, 108123.	8.8	13
25	Complete chloroplast genome and phylogenetic analysis of a wild grass, <i>Hordeum roshevitzii</i> Bowden. <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 1219-1221.	0.4	1
26	First Report of Leaf Spot Disease on <i>Fagopyrum esculentum</i> Caused by <i>Bipolaris zeae</i> in China. <i>Plant Disease</i> , 2021, 105, 3301.	1.4	2
27	Complementarity and facilitation with respect to P acquisition do not drive overyielding by intercropping. <i>Field Crops Research</i> , 2021, 265, 108127.	5.1	6
28	Complete chloroplast genomes of <i>Achnatherum inebrians</i> and comparative analyses with related species from Poaceae. <i>FEBS Open Bio</i> , 2021, 11, 1704-1718.	2.3	7
29	Identification of <i>Colletotrichum liriopes</i> as the Causative Agent of Anthracnose in Buckwheat ( <i>Fagopyrum esculentum</i> ) in China. <i>Plant Disease</i> , 2021, 105, 3741.	1.4	1
30	Response of sheep rumen fermentation and microbial communities to feed infected with the endophyte <i>Epichloa gansuensis</i> as evaluated with rumen-simulating technology. <i>Journal of Microbiology</i> , 2021, 59, 718-728.	2.8	4
31	Influence of Interactions between Nitrogen, Phosphorus Supply and <i>Epichloa bromicola</i> on Growth of Wild Barley ( <i>Hordeum brevisubulatum</i> ). <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 615.	3.5	2
32	Exogenous spermidine enhances <i>Epichloa</i> endophyte-induced tolerance to NaCl stress in wild barley ( <i>Hordeum brevisubulatum</i> ). <i>Plant and Soil</i> , 2021, 468, 77-95.	3.7	6
33	First Report of Leaf Spot Disease Caused by <i>Stemphylium vesicarium</i> on <i>Fagopyrum esculentum</i> in China. <i>Plant Disease</i> , 2021, 105, 2242.	1.4	1
34	Characterization of the complete chloroplast genome of <i>Hordeum jubatum</i> (Poaceae: Pooideae:)	0.4	1
35	Synergism between calcium nitrate applications and fungal endophytes to increase sugar concentration in <i>Festuca sinensis</i> under cold stress. <i>PeerJ</i> , 2021, 9, e10568.	2.0	10
36	Interactive Effects of <i>Epichloa</i> Endophyte, Dormancy-Breaking Treatments and Geographic Origin on Seed Germination of <i>Achnatherum inebrians</i> . <i>Microorganisms</i> , 2021, 9, 2183.	3.6	9

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37	Effects of Aqueous Extracts of Endophyte-Infected Grass <i>Achnatherum inebrians</i> on Growth and Development of Pea Aphid <i>Acyrtosiphon pisum</i> . <i>Insects</i> , 2021, 12, 944.	2.2	2
38	Elucidating the Molecular Mechanisms by which Seed-Borne Endophytic Fungi, <i>Epichloa gansuensis</i> , Increases the Tolerance of <i>Achnatherum inebrians</i> to NaCl Stress. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13191.	4.1	7
39	Effects of Oat Varieties and Growing Locations on Seed-Borne Fungal Communities. <i>Frontiers in Microbiology</i> , 2021, 12, 724999.	3.5	2
40	First Report of Oat ( <i>Avena sativa</i> ) Root Rot Caused by <i>Fusarium proliferatum</i> in China. <i>Plant Disease</i> , 2020, 104, 993-993.	1.4	0
41	Effects of <i>Epichloa</i> endophyte infection on growth, physiological properties and seed germination of wild barley under saline conditions. <i>Journal of Agronomy and Crop Science</i> , 2020, 206, 43-51.	3.5	22
42	Yield gain, complementarity and competitive dominance in intercropping in China: A meta-analysis of drivers of yield gain using additive partitioning. <i>European Journal of Agronomy</i> , 2020, 113, 125987.	4.1	88
43	First Report of <i>Epicoccum layuense</i> Causing Brown Leaf Spot on Oat ( <i>Avena sativa</i> ) in Northwestern China. <i>Plant Disease</i> , 2020, 104, 990-990.	1.4	4
44	Segregation of <i>Lolium perenne</i> into a subpopulation with high infection by endophyte <i>Epichloa festucae</i> var. <i>lolii</i> results in improved agronomic performance. <i>Plant and Soil</i> , 2020, 446, 595-612.	3.7	8
45	Intercropping maize and soybean increases efficiency of land and fertilizer nitrogen use; A meta-analysis. <i>Field Crops Research</i> , 2020, 246, 107661.	5.1	136
46	Phylogenetic relationship and taxonomy of a hybrid <i>Epichloa</i> species symbiotic with <i>Festuca sinensis</i> . <i>Mycological Progress</i> , 2020, 19, 1069-1081.	1.4	12
47	Syndromes of production in intercropping impact yield gains. <i>Nature Plants</i> , 2020, 6, 653-660.	9.3	259
48	Characterization of <i>Pyrenophora</i> Species Causing Brown Leaf Spot on Italian Ryegrass ( <i>Lolium multiflorum</i> ) in Southwestern China. <i>Plant Disease</i> , 2020, 104, 1900-1907.	1.4	5
49	Role of <i>Epichloa</i> Endophytes in Improving Host Grass Resistance Ability and Soil Properties. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 6944-6955.	5.2	30
50	Does <i>Epichloa</i> Endophyte Enhance Host Tolerance to Root Hemiparasite?. <i>Microbial Ecology</i> , 2020, 82, 35-48.	2.8	5
51	A toxic grass <i>Achnatherum inebrians</i> serves as a diversity refuge for the soil fungal community in rangelands of northern China. <i>Plant and Soil</i> , 2020, 448, 425-438.	3.7	7
52	Characterization and Pathogenicity of <i>Colletotrichum</i> Species on <i>Philodendron tatei</i> cv. Congo in Gansu Province, China. <i>Plant Disease</i> , 2020, 104, 2571-2584.	1.4	5
53	Fungal Endophyte Improves Survival of <i>Lolium perenne</i> in Low Fertility Soils by Increasing Root Growth, Metabolic Activity and Absorption of Nutrients. <i>Plant and Soil</i> , 2020, 452, 185-206.	3.7	37
54	First Report of <i>Alternaria alternata</i> Causing Leaf Spot on Oat ( <i>Avena sativa</i> ) in China. <i>Plant Disease</i> , 2020, 104, 1544.	1.4	8

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55	Occurrence of Verticillium Wilt Caused by <i>Verticillium dahliae</i> on Licorice ( <i>Glycyrrhiza</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.4	1
56	First Report of Anthracnose Caused by <i>Colletotrichum americae-borealis</i> on Greenhouse-Grown Licorice in China. Plant Disease, 2020, 104, 1559-1559.	1.4	3
57	First Report of Dodder ( <i>Cuscuta campestris</i> ) Parasitizing Licorice ( <i>Glycyrrhiza uralensis</i> ) in China. Plant Disease, 2020, 104, 295.	1.4	1
58	Testing for complementarity in phosphorus resource use by mixtures of crop species. Plant and Soil, 2019, 439, 163-177.	3.7	20
59	Characterization, Phylogenetic Analyses, and Pathogenicity of <i>Colletotrichum</i> Species on <i>Morus alba</i> in Sichuan Province, China. Plant Disease, 2019, 103, 2624-2633.	1.4	19
60	Disturbance by grazing and the presence of rodents facilitates the dominance of the unpalatable grass <i>Achnatherum inebrians</i> in alpine meadows of northern China. Rangeland Journal, 2019, 41, 301.	0.9	7
61	Effect of the fungal endophyte <i>Epichloa bromicola</i> on polyamines in wild barley ( <i>Hordeum</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	3.7	30
62	Effect of <i>Epichloa gansuensis</i> endophyte on the activity of enzymes of nitrogen metabolism, nitrogen use efficiency and photosynthetic ability of <i>Achnatherum inebrians</i> under various NaCl concentrations. Plant and Soil, 2019, 435, 57-68.	3.7	25
63	Identification of <i>Epichloa</i> endophytes associated with wild barley ( <i>Hordeum</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Agricultural Research, 2019, 62, 131-149.	1.6	13
64	A Brief History of Endophyte Detection Techniques in Grasses. Sustainable Agriculture Research, 2019, 8, 66.	0.3	4
65	Infection by the fungal endophyte <i>Epichloa bromicola</i> enhances the tolerance of wild barley ( <i>Hordeum brevisubulatum</i> ) to salt and alkali stresses. Plant and Soil, 2018, 428, 353-370.	3.7	48
66	Role of <i>Epichloa</i> Endophytes in Defense Responses of Cool-Season Grasses to Pathogens: A Review. Plant Disease, 2018, 102, 2061-2073.	1.4	56
67	Glucose-6-phosphate dehydrogenase plays a vital role in <i>Achnatherum inebrians</i> plants host to <i>Epichloa gansuensis</i> by improving growth under nitrogen deficiency. Plant and Soil, 2018, 430, 37-48.	3.7	27
68	Pu-erh Tea Protects the Nervous System by Inhibiting the Expression of Metabotropic Glutamate Receptor 5. Molecular Neurobiology, 2017, 54, 5286-5299.	4.0	28
69	Toxin-producing <i>Epichloa bromicola</i> strains symbiotic with the forage grass <i>Elymus dahuricus</i> in China. Mycologia, 2017, 109, 847-859.	1.9	12
70	Effects of feeding drunken horse grass infected with <i>Epichloa gansuensis</i> endophyte on animal performance, clinical symptoms and physiological parameters in sheep. BMC Veterinary Research, 2017, 13, 223.	1.9	32
71	Genome-Wide Analysis of Codon Usage Bias in <i>Epichloa festucae</i> . International Journal of Molecular Sciences, 2016, 17, 1138.	4.1	40
72	Shift from complementarity to facilitation on P uptake by intercropped wheat neighboring with faba bean when available soil P is depleted. Scientific Reports, 2016, 6, 18663.	3.3	55

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73	Modification of Susceptible and Toxic Herbs on Grassland Disease. <i>Scientific Reports</i> , 2016, 6, 30635.	3.3	4
74	Transcriptomic analyses giving insights into molecular regulation mechanisms involved in cold tolerance by <i>Epichloa</i> endophyte in seed germination of <i>Achnatherum inebrians</i> . <i>Plant Growth Regulation</i> , 2016, 80, 367-375.	3.4	51
75	A toxic endophyte-infected grass helps reverse degradation and loss of biodiversity of over-grazed grasslands in northwest China. <i>Scientific Reports</i> , 2015, 5, 18527.	3.3	21
76	Antifungal activity and phytochemical investigation of the asexual endophyte of <i>Epichloa</i> sp. from <i>Festuca sinensis</i> . <i>Science China Life Sciences</i> , 2015, 58, 821-826.	4.9	30
77	Enhancement of faba bean competitive ability by arbuscular mycorrhizal fungi is highly correlated with dynamic nutrient acquisition by competing wheat. <i>Scientific Reports</i> , 2015, 5, 8122.	3.3	36
78	Effects of the hemiparasitic plant <i>Pedicularis kansuensis</i> on plant community structure in a degraded grassland. <i>Ecological Research</i> , 2015, 30, 507-515.	1.5	27
79	<i>Epichloa</i> endophyte affects the ability of powdery mildew ( <i>Blumeria graminis</i> ) to colonise drunken horse grass ( <i>Achnatherum inebrians</i> ). <i>Fungal Ecology</i> , 2015, 16, 26-33.	1.6	59
80	Does endophyte symbiosis resist allelopathic effects of an invasive plant in degraded grassland?. <i>Fungal Ecology</i> , 2015, 17, 114-125.	1.6	16
81	Effects of cold shocked <i>Epichloa</i> infected <i>Festuca sinensis</i> on ergot alkaloid accumulation. <i>Fungal Ecology</i> , 2015, 14, 99-104.	1.6	35
82	Chemical composition and antifungal activity of the volatile oil from <i>Epichloa gansuensis</i> , endophyte-infected and non-infected <i>Achnatherum inebrians</i> . <i>Science China Life Sciences</i> , 2015, 58, 512-514.	4.9	12
83	Two distinct <i>Epichloa</i> species symbiotic with <i>Achnatherum inebrians</i> , drunken horse grass. <i>Mycologia</i> , 2015, 107, 863-873.	1.9	62
84	Phylogenic diversity and tissue specificity of fungal endophytes associated with the pharmaceutical plant, <i>Stellera chamaejasme</i> L. revealed by a cultivation-independent approach. <i>Antonie Van Leeuwenhoek</i> , 2015, 108, 835-850.	1.7	18
85	An asexual <i>Epichloa</i> endophyte modifies the nutrient stoichiometry of wild barley ( <i>Hordeum</i> ) Tj ETQq1 1 0.784314 3.75 / Overlock 1079		
86	An asexual <i>Epichloa</i> endophyte enhances waterlogging tolerance of <i>Hordeum brevisubulatum</i> . <i>Fungal Ecology</i> , 2015, 13, 44-52.	1.6	62
87	The Dynamic Process of Interspecific Interactions of Competitive Nitrogen Capture between Intercropped Wheat ( <i>Triticum aestivum</i> L.) and Faba Bean ( <i>Vicia faba</i> L.). <i>PLoS ONE</i> , 2014, 9, e115804.	2.5	23
88	Cytotoxic Effect of Ergot Alkaloids in <i>Achnatherum inebrians</i> Infected by the <i>Neotyphodium gansuense</i> Endophyte. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 7419-7422.	5.2	27
89	Combination of doxorubicin-based chemotherapy and polyethylenimine/p53 gene therapy for the treatment of lung cancer using porous PLGA microparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 122, 498-504.	5.0	43
90	Effects of seed hydropriming on growth of <i>Festuca sinensis</i> infected with <i>Neotyphodium</i> endophyte. <i>Fungal Ecology</i> , 2013, 6, 83-91.	1.6	30

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91	Plant-Symbiotic Fungi as Chemical Engineers: Multi-Genome Analysis of the Clavicipitaceae Reveals Dynamics of Alkaloid Loci. <i>PLoS Genetics</i> , 2013, 9, e1003323.	3.5	344
92	Effects of cadmium stress on seed germination and seedling growth of <i>Elymus dahuricus</i> infected with the <i>Neotyphodium</i> endophyte. <i>Science China Life Sciences</i> , 2012, 55, 793-799.	4.9	47
93	Effects of cutting frequency and height on alkaloid production in endophyte-infected drunken horse grass ( <i>Achnatherum inebrians</i> ). <i>Science China Life Sciences</i> , 2011, 54, 567-571.	4.9	22
94	Effects of cadmium stress on seed germination, seedling growth and antioxidative enzymes in <i>Achnatherum inebrians</i> plants infected with a <i>Neotyphodium</i> endophyte. <i>Plant Growth Regulation</i> , 2010, 60, 91-97.	3.4	72
95	Effects of cadmium stress on growth and anti-oxidative systems in <i>Achnatherum inebrians</i> symbiotic with <i>Neotyphodium gansuense</i> . <i>Journal of Hazardous Materials</i> , 2010, 175, 703-709.	12.4	129
96	Effect of the endophyte <i>Neotyphodium lolii</i> on susceptibility and host physiological response of perennial ryegrass to fungal pathogens. <i>European Journal of Plant Pathology</i> , 2008, 122, 593-602.	1.7	72
97	Root-invading fungi of milk vetch on the Loess Plateau, China. <i>Agriculture, Ecosystems and Environment</i> , 2008, 124, 51-59.	5.3	9
98	Biological and physiological characteristics of <i>Neotyphodium gansuense</i> symbiotic with <i>Achnatherum inebrians</i> . <i>Microbiological Research</i> , 2008, 163, 431-440.	5.3	23
99	New <i>Neotyphodium</i> endophyte species from the grass tribes Stipeae and Meliceae. <i>Mycologia</i> , 2007, 99, 895-905.	1.9	43
100	New <i>Neotyphodium</i> endophyte species from the grass tribes Stipeae and Meliceae. <i>Mycologia</i> , 2007, 99, 895-905.	1.9	47
101	Disease and pest resistance of endophyte infected and non-infected drunken horse grass. <i>Grassland Research and Practice Series</i> , 0, 13, 111-114.	0.0	5
102	Transcriptomic analysis of pea aphids ( <i>Acyrtosiphon pisum</i> ) treated with plant extracts from endophyte-containing drunken horse grass. <i>Journal of Applied Entomology</i> , 0, , .	1.8	0
103	Effects of <i>Achnatherum inebrians</i> ecotypes and endophyte status on plant growth, plant nutrient, soil fertility and soil microbial community. <i>Soil Science Society of America Journal</i> , 0, , .	2.2	1