Chunjie Li

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3717634/publications.pdf

Version: 2024-02-01

103	2,722	186265	206112
papers	citations	28 h-index	48 g-index

108	108	108	2078
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Plant-Symbiotic Fungi as Chemical Engineers: Multi-Genome Analysis of the Clavicipitaceae Reveals Dynamics of Alkaloid Loci. PLoS Genetics, 2013, 9, e1003323.	3.5	344
2	Syndromes of production in intercropping impact yield gains. Nature Plants, 2020, 6, 653-660.	9.3	259
3	Intercropping maize and soybean increases efficiency of land and fertilizer nitrogen use; A meta-analysis. Field Crops Research, 2020, 246, 107661.	5.1	136
4	Effects of cadmium stress on growth and anti-oxidative systems in Achnatherum inebrians symbiotic with Neotyphodium gansuense. Journal of Hazardous Materials, 2010, 175, 703-709.	12.4	129
5	Yield gain, complementarity and competitive dominance in intercropping in China: A meta-analysis of drivers of yield gain using additive partitioning. European Journal of Agronomy, 2020, 113, 125987.	4.1	88
6	An asexual EpichloÃ« endophyte modifies the nutrient stoichiometry of wild barley (Hordeum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	3.7	79
7	Effect of the endophyte Neotyphodium lolii on susceptibility and host physiological response of perennial ryegrass to fungal pathogens. European Journal of Plant Pathology, 2008, 122, 593-602.	1.7	72
8	Effects of cadmium stress on seed germination, seedling growth and antioxidative enzymes in Achnatherum inebrians plants infected with a Neotyphodium endophyte. Plant Growth Regulation, 2010, 60, 91-97.	3.4	72
9	Two distinctEpichloÃ«species symbiotic withAchnatherum inebrians, drunken horse grass. Mycologia, 2015, 107, 863-873.	1.9	62
10	An asexual EpichloÃ« endophyte enhances waterlogging tolerance of Hordeum brevisubulatum. Fungal Ecology, 2015, 13, 44-52.	1.6	62
11	EpichloÃ« endophyte affects the ability of powdery mildew (Blumeria graminis) to colonise drunken horse grass (Achnatherum inebrians). Fungal Ecology, 2015, 16, 26-33.	1.6	59
12	Role of EpichloÃ« Endophytes in Defense Responses of Cool-Season Grasses to Pathogens: A Review. Plant Disease, 2018, 102, 2061-2073.	1.4	56
13	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
14	Transcriptomic analyses giving insights into molecular regulation mechanisms involved in cold tolerance by EpichloÃ« endophyte in seed germination of Achnatherum inebrians. Plant Growth Regulation, 2016, 80, 367-375.	3.4	51
15	Infection by the fungal endophyte EpichloÃ« bromicola enhances the tolerance of wild barley (Hordeum brevisubulatum) to salt and alkali stresses. Plant and Soil, 2018, 428, 353-370.	3.7	48
16	New Neotyphodium endophyte species from the grass tribes Stipeae and Meliceae. Mycologia, 2007, 99, 895-905.	1.9	47
17	Effects of cadmium stress on seed germination and seedling growth of Elymus dahuricus infected with the Neotyphodium endophyte. Science China Life Sciences, 2012, 55, 793-799.	4.9	47
18	New Neotyphodium endophyte species from the grass tribes Stipeae and Meliceae. Mycologia, 2007, 99, 895-905.	1.9	43

#	Article	IF	Citations
19	Combination of doxorubicin-based chemotherapy and polyethylenimine/p53 gene therapy for the treatment of lung cancer using porous PLGA microparticles. Colloids and Surfaces B: Biointerfaces, 2014, 122, 498-504.	5.0	43
20	Genome-Wide Analysis of Codon Usage Bias in EpichloÃ« festucae. International Journal of Molecular Sciences, 2016, 17, 1138.	4.1	40
21	Fungal Endophyte Improves Survival of Lolium perenne in Low Fertility Soils by Increasing Root Growth, Metabolic Activity and Absorption of Nutrients. Plant and Soil, 2020, 452, 185-206.	3.7	37
22	Enhancement of faba bean competitive ability by arbuscular mycorrhizal fungi is highly correlated with dynamic nutrient acquisition by competing wheat. Scientific Reports, 2015, 5, 8122.	3.3	36
23	Effects of cold shocked EpichloÃ« infected Festuca sinensis on ergot alkaloid accumulation. Fungal Ecology, 2015, 14, 99-104.	1.6	35
24	Effects of feeding drunken horse grass infected with EpichloÃ« gansuensis endophyte on animal performance, clinical symptoms and physiological parameters in sheep. BMC Veterinary Research, 2017, 13, 223.	1.9	32
25	Effects of seed hydropriming on growth of Festuca sinensis infected with Neotyphodium endophyte. Fungal Ecology, 2013, 6, 83-91.	1.6	30
26	Antifungal activity and phytochemical investigation of the asexual endophyte of EpichloÃ« sp. from Festuca sinensis. Science China Life Sciences, 2015, 58, 821-826.	4.9	30
27	Effect of the fungal endophyte EpichloÃ« bromicola on polyamines in wild barley (Hordeum) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T f	3.7	30
28	Role of EpichloÃ« Endophytes in Improving Host Grass Resistance Ability and Soil Properties. Journal of Agricultural and Food Chemistry, 2020, 68, 6944-6955.	5.2	30
29	Fungal endophyte EpichloÃ« bromicola infection regulates anatomical changes to account for salt stress tolerance in wild barley (Hordeum brevisubulatum). Plant and Soil, 2021, 461, 533-546.	3.7	30
30	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
31	Cytotoxic Effect of Ergot Alkaloids in Achnatherum inebrians Infected by the Neotyphodium gansuense Endophyte. Journal of Agricultural and Food Chemistry, 2014, 62, 7419-7422.	5.2	27
32	Effects of the hemiparasitic plant Pedicularis kansuensis on plant community structure in a degraded grassland. Ecological Research, 2015, 30, 507-515.	1.5	27
33	Glucose-6-phosphate dehydrogenase plays a vital role in Achnatherum inebrians plants host to EpichloÃ« gansuensis by improving growth under nitrogen deficiency. Plant and Soil, 2018, 430, 37-48.	3.7	27
34	Effect of EpichloÃ« gansuensis endophyte on the activity of enzymes of nitrogen metabolism, nitrogen use efficiency and photosynthetic ability of Achnatherum inebrians under various NaCl concentrations. Plant and Soil, 2019, 435, 57-68.	3.7	25
35	Biological and physiological characteristics of Neotyphodium gansuense symbiotic with Achnatherum inebrians. Microbiological Research, 2008, 163, 431-440.	5.3	23
36	The Dynamic Process of Interspecific Interactions of Competitive Nitrogen Capture between Intercropped Wheat (Triticum aestivum L.) and Faba Bean (Vicia faba L.). PLoS ONE, 2014, 9, e115804.	2.5	23

#	Article	IF	Citations
37	A foliar EpichloÃ« endophyte and soil moisture modified belowground arbuscular mycorrhizal fungal biodiversity associated with Achnatherum inebrians. Plant and Soil, 2021, 458, 105-122.	3.7	23
38	Effects of cutting frequency and height on alkaloid production in endophyte-infected drunken horse grass (Achnatherum inebrians). Science China Life Sciences, 2011, 54, 567-571.	4.9	22
39	Effects of EpichloÃ« endophyte infection on growth, physiological properties and seed germination of wild barley under saline conditions. Journal of Agronomy and Crop Science, 2020, 206, 43-51.	3.5	22
40	A toxic endophyte-infected grass helps reverse degradation and loss of biodiversity of over-grazed grasslands in northwest China. Scientific Reports, 2015, 5, 18527.	3.3	21
41	Testing for complementarity in phosphorus resource use by mixtures of crop species. Plant and Soil, 2019, 439, 163-177.	3.7	20
42	Characterization, Phylogenetic Analyses, and Pathogenicity of Colletotrichum Species on Morus alba in Sichuan Province, China. Plant Disease, 2019, 103, 2624-2633.	1.4	19
43	Phylogenic diversity and tissue specificity of fungal endophytes associated with the pharmaceutical plant, Stellera chamaejasme L. revealed by a cultivation-independent approach. Antonie Van Leeuwenhoek, 2015, 108, 835-850.	1.7	18
44	Does endophyte symbiosis resist allelopathic effects of an invasive plant in degraded grassland?. Fungal Ecology, 2015, 17, 114-125.	1.6	16
45	Identification of EpichloÃ« endophytes associated with wild barley (Hordeum) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 4 Agricultural Research, 2019, 62, 131-149.	1.6	13
46	Gene analysis reveals that leaf litter from EpichloÃ« endophyte-infected perennial ryegrass alters diversity and abundance of soil microbes involved in nitrification and denitrification. Soil Biology and Biochemistry, 2021, 154, 108123.	8.8	13
47	Chemical composition and antifungal activity of the volatile oil from EpichloÃ« gansuensis, endophyte-infected and non-infected Achnatherum inebrians. Science China Life Sciences, 2015, 58, 512-514.	4.9	12
48	Toxin-producing EpichloÃ« bromicola strains symbiotic with the forage grass Elymus dahuricus in China. Mycologia, 2017, 109, 847-859.	1.9	12
49	Phylogenetic relationship and taxonomy of a hybrid EpichloÃ« species symbiotic with Festuca sinensis. Mycological Progress, 2020, 19, 1069-1081.	1.4	12
50	Synergism between calcium nitrate applications and fungal endophytes to increase sugar concentration in Festuca sinensis under cold stress. PeerJ, 2021, 9, e10568.	2.0	10
51	Identification and characterization of Pyrenophora species causing leaf spot on oat (Avena) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.4	10
52	Root-invading fungi of milk vetch on the Loess Plateau, China. Agriculture, Ecosystems and Environment, 2008, 124, 51-59.	5.3	9
53	A new bacterial leaf blight disease of oat (Avena sativa) caused by Pantoea agglomerans in China. Plant Pathology, 2022, 71, 470-478.	2.4	9
54	Interactive Effects of EpichloÃ« Endophyte, Dormancy-Breaking Treatments and Geographic Origin on Seed Germination of Achnatherum inebrians. Microorganisms, 2021, 9, 2183.	3.6	9

#	Article	IF	Citations
55	Effect of Fungal Endophyte EpichloÃ« bromicola Infection on Cd Tolerance in Wild Barley (Hordeum) Tj ETQq1 1 0.784314 rgBT /Over	3.5	9
56	Segregation of Lolium perenne into a subpopulation with high infection by endophyte EpichloÃ« festucae var. lolii results in improved agronomic performance. Plant and Soil, 2020, 446, 595-612.	3.7	8
57	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
58	First Report of Alternaria alternata Causing Leaf Spot on Oat (Avena sativa) in China. Plant Disease, 2020, 104, 1544.	1.4	8
59	Disturbance by grazing and the presence of rodents facilitates the dominance of the unpalatable grass Achnatherum inebrians in alpine meadows of northern China. Rangeland Journal, 2019, 41, 301.	0.9	7
60	A toxic grass Achnatherum inebrians serves as a diversity refuge for the soil fungal community in rangelands of northern China. Plant and Soil, 2020, 448, 425-438.	3.7	7
61	EpichloÃ« 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
62	Complete chloroplast genomes of Achnatherum inebrians and comparative analyses with related species from Poaceae. FEBS Open Bio, 2021, 11, 1704-1718.	2.3	7
63	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
64	Elucidating the Molecular Mechanisms by which Seed-Borne Endophytic Fungi, EpichloÃ« gansuensis, Increases the Tolerance of Achnatherum inebrians to NaCl Stress. International Journal of Molecular Sciences, 2021, 22, 13191.	4.1	7
65	Complementarity and facilitation with respect to P acquisition do not drive overyielding by intercropping. Field Crops Research, 2021, 265, 108127.	5.1	6
66	Exogenous spermidine enhances EpichloÃ« endophyte-induced tolerance to NaCl stress in wild barley (Hordeum brevisubulatum). Plant and Soil, 2021, 468, 77-95.	3.7	6
67	Vertically Transmitted EpichloÃ« 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
68	Characterization of Pyrenophora Species Causing Brown Leaf Spot on Italian Ryegrass (Lolium multiflorum) in Southwestern China. Plant Disease, 2020, 104, 1900-1907.	1.4	5
69	Does EpichloÃ« Endophyte Enhance Host Tolerance to Root Hemiparasite?. Microbial Ecology, 2020, 82, 35-48.	2.8	5
70	Characterization and Pathogenicity of Colletotrichum Species on Philodendron tatei cv. Congo in Gansu Province, China. Plant Disease, 2020, 104, 2571-2584.	1.4	5
71	Creation of novel barley germplasm usingan <italic>Epichloë</italic> endophyte. Chinese Science Bulletin, 2021, 66, 2608-2617.	0.7	5
72	Disease and pest resistance of endophyte infected and non-infected drunken horse grass. Grassland Research and Practice Series, 0, 13, 111-114.	0.0	5

#	Article	IF	Citations
73	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
74	Inoculation of Barley (Hordeum vulgare) with the Endophyte EpichloÃ« bromicola Affects Plant Growth, and the Microbial Community in Roots and Rhizosphere Soil. Journal of Fungi (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697	3.5	5
75	Soil biota is decisive for overyielding in intercropping under low phosphorus conditions. Journal of Applied Ecology, 2022, 59, 1804-1814.	4.0	5
76	Modification of Susceptible and Toxic Herbs on Grassland Disease. Scientific Reports, 2016, 6, 30635.	3.3	4
77	First Report of Epicoccum layuense Causing Brown Leaf Spot on Oat (Avena sativa) in Northwestern China. Plant Disease, 2020, 104, 990-990.	1.4	4
78	Response of sheep rumen fermentation and microbial communities to feed infected with the endophyte EpichloÃ« gansuensis as evaluated with rumen-simulating technology. Journal of Microbiology, 2021, 59, 718-728.	2.8	4
79	A Brief History of Endophyte Detection Techniques in Grasses. Sustainable Agriculture Research, 2019, 8, 66.	0.3	4
80	Photosynthetic responses of oat to leaf blight disease caused by Pantoea agglomerans. Journal of Plant Pathology, 2022, 104, 721-733.	1.2	4
81	First Report of Leaf Spot Caused by Alternaria alternata on Italian Ryegrass (Lolium) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.4	3
82	First Report of Anthracnose Caused by Colletotrichum americae-borealis on Greenhouse-Grown Licorice in China. Plant Disease, 2020, 104, 1559-1559.	1.4	3
83	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
84	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
85	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
86	First Report of Seedling Blight of Oat (Avena sativa) Caused by Microdochium nivale in China. Plant Disease, 2021, 105, 704-704.	1.4	2
87	First Report of Leaf Spot Disease on Fagopyrum esculentum Caused by Bipolaris zeae in China. Plant Disease, 2021, 105, 3301.	1.4	2
88	Influence of Interactions between Nitrogen, Phosphorus Supply and EpichloÑ‘bromicola on Growth of Wild Barley (Hordeum brevisubulatum). Journal of Fungi (Basel, Switzerland), 2021, 7, 615.	3.5	2
89	Effects of Aqueous Extracts of Endophyte-Infected Grass Achnatherum inebrians on Growth and Development of Pea Aphid Acyrthosiphon pisum. Insects, 2021, 12, 944.	2.2	2
90	NaCl stress modifies the concentrations of endophytic fungal hyphal and peramine in. Crop and Pasture Science, 2022, 73, 214-221.	1.5	2

#	Article	IF	Citations
91	Effects of Oat Varieties and Growing Locations on Seed-Borne Fungal Communities. Frontiers in Microbiology, 2021, 12, 724999.	3.5	2
92	Ergot Alkaloid and Endogenous Hormones Quantities and Relationship in EpichloÃ« Endophyte: Drunken Horse Grass are Affected by Altitude. Journal of Plant Growth Regulation, 2023, 42, 1979-1990.	5.1	2
93	Complete chloroplast genome and phylogenetic analysis of a wild grass, Hordeum roshevitzii Bowden. Mitochondrial DNA Part B: Resources, 2021, 6, 1219-1221.	0.4	1
94	Identification of Colletotrichum liriopes as the Causative Agent of Anthracnose in Buckwheat (Fagopyrum esculentum) in China. Plant Disease, 2021, 105, 3741.	1.4	1
95	First Report of Leaf Spot Disease Caused by Stemphylium vesicarium on Fagopyrum esculentum in China. Plant Disease, 2021, 105, 2242.	1.4	1
96	Characterization of the complete chloroplast genome of Hordeum jubatum (Poaceae: Pooideae:) Tj ETQq0 0 0 rgBT /Overlock 10	0.4	1
97	Occurrence of Verticillium Wilt Caused by Verticillium dahliae on Licorice (Glycyrrhiza) Tj ETQq1 1 0.784314 rgBT /Overlock	1.4	1
98	First Report of Dodder (Cuscuta campestris) Parasitizing Licorice (Glycyrrhiza uralensis) in China. Plant Disease, 2020, 104, 295.	1.4	1
99	Effects of Achnatherum inebrians ecotypes and endophyte status on plant growth, plant nutrient, soil fertility and soil microbial community. Soil Science Society of America Journal, 0, , .	2.2	1
100	First Report of Oat (Avena sativa) Root Rot Caused by Fusarium proliferatum in China. Plant Disease, 2020, 104, 993-993.	1.4	0
101	First Report of Ergot (Claviceps purpurea) on Drunken Horse Grass (Achnatherum inebrians) in China. Plant Disease, 2021, , .	1.4	0
102	Transcriptomic analysis of pea aphids (Acyrthosiphon pisum) treated with plant extracts from endophyteâ€containing drunken horse grass. Journal of Applied Entomology, 0, , .	1.8	0
103	Diplocarpon mespilicola sp. nov. associated with Entomosporium leaf spot on Hawthorn in China. Plant Disease, 2022, , .	1.4	0