

Xingxu

List of Publications by Year in descending order

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26
papers

700
citations

687363

13
h-index

580821

25
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27
all docs

27
docs citations

27
times ranked

489
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	<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
4	An <i>Epichloa</i> endophyte improves photosynthetic ability and dry matter production of its host <i>Achnatherum inebrians</i> infected by <i>Blumeria graminis</i> under various soil water conditions. <i>Fungal Ecology</i> , 2016, 22, 26-34.	1.6	56
5	Role of <i>Epichloa</i> Endophytes in Defense Responses of Cool-Season Grasses to Pathogens: A Review. <i>Plant Disease</i> , 2018, 102, 2061-2073.	1.4	56
6	Effect of <i>Epichloa gansuensis</i> endophyte and transgenerational effects on the water use efficiency, nutrient and biomass accumulation of <i>Achnatherum inebrians</i> under soil water deficit. <i>Plant and Soil</i> , 2018, 424, 555-571.	3.7	53
7	Effect of <i>Epichloa gansuensis</i> Endophyte on the Nitrogen Metabolism, Nitrogen Use Efficiency, and Stoichiometry of <i>Achnatherum inebrians</i> under Nitrogen Limitation. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 4022-4031.	5.2	41
8	Antifungal, Phytotoxic, and Cytotoxic Activities of Metabolites from <i>Epichloa bromicola</i> , a Fungus Obtained from <i>Elymus tangutorum</i> Grass. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 8787-8792.	5.2	38
9	The Plant Salicylic Acid Signalling Pathway Regulates the Infection of a Biotrophic Pathogen in Grasses Associated with an <i>Epichloa</i> Endophyte. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 633.	3.5	32
10	Effects of <i>Epichloa gansuensis</i> Endophyte on the Root and Rhizosphere Soil Bacteria of <i>Achnatherum inebrians</i> Under Different Moisture Conditions. <i>Frontiers in Microbiology</i> , 2020, 11, 747.	3.5	29
11	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. <i>Plant and Soil</i> , 2019, 435, 57-68.	3.7	25
12	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
13	Transcriptome Analysis Revealed Plant Hormone Biosynthesis and Response Pathway Modification by <i>Epichloa gansuensis</i> in <i>Achnatherum inebrians</i> under Different Soil Moisture Availability. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 640.	3.5	17
14	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
15	Alleviating salt stress on seedlings using plant growth promoting rhizobacteria isolated from the rhizosphere soil of <i>Achnatherum inebrians</i> infected with <i>Epichloa gansuensis</i> endophyte. <i>Plant and Soil</i> , 2021, 465, 349-366.	3.7	12
16	Dahurelmsin A, a Hybrid Peptide-Polyketide from <i>Elymus dahuricus</i> Infected by the <i>Epichloa bromicola</i> Endophyte. <i>Organic Letters</i> , 2017, 19, 298-300.	4.6	8
17	The effect of <i>Epichloa</i> endophyte on phyllosphere microbes and leaf metabolites in <i>Achnatherum inebrians</i> . <i>IScience</i> , 2022, 25, 104144.	4.1	8
18	Vertically Transmitted <i>Epichloa</i> Systemic Endophyte Enhances Drought Tolerance of <i>Achnatherum inebrians</i> Host Plants through Promoting Photosynthesis and Biomass Accumulation. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 512.	3.5	6

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19	Chemical constituents of <i>Alisma orientalis</i> . <i>Chemistry of Natural Compounds</i> , 2014, 49, 1143-1145.	0.8	5
20	Antifungal activity of petroleum ether extracts from <i>Achnatherum inebrians</i> infected with <i>Neotyphodium gansuense</i> . <i>Science China Life Sciences</i> , 2014, 57, 1234-1235.	4.9	5
21	Effects of <i>Epichloa</i> endophyte on antioxidant enzymes activities, photosynthesis and growth of three ecotypes of <i>Elymus dahuricus</i> . <i>Frontiers of Agricultural Science and Engineering</i> , 2018, 5, 148.	1.4	5
22	Twelve polymorphic microsatellite loci for <i>Achnatherum inebrians</i> (Poaceae). <i>Conservation Genetics</i> , 2008, 9, 961-963.	1.5	3
23	Effects of <i>Epichloa</i> Endophyte and Transgenerational Effects on Physiology of <i>Achnatherum inebrians</i> under Drought Stress. <i>Agriculture (Switzerland)</i> , 2022, 12, 761.	3.1	3
24	Cuticular Wax Modification by <i>Epichloa</i> Endophyte in <i>Achnatherum inebrians</i> under Different Soil Moisture Availability. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 725.	3.5	2
25	Interactive effects of water stress and powdery mildew (<i>Blumeria graminis</i>) on the alkaloid production of <i>Achnatherum inebrians</i> infected by <i>Epichloa</i> endophyte. <i>Science China Life Sciences</i> , 2018, 61, 864-866.	4.9	1
26	<i>Elymus sibiricus</i> populations drive the community of root-associated arbuscular mycorrhizal fungi in a monoculture agroecosystem. <i>Science China Life Sciences</i> , 2020, 63, 453-456.	4.9	0