Congyan Wang

List of Publications by Year
in descending order

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168	4,105	136950	233421
papers	citations	32 h-index	45 g-index

172	172	172	3679
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	NET PRIMARY PRODUCTION AND CARBON ALLOCATION PATTERNS OF BOREAL FOREST ECOSYSTEMS. , 2001, 11, 1395-1411.		369
2	Lignin depolymerization and utilization by bacteria. Bioresource Technology, 2018, 269, 557-566.	9.6	145
3	Effects of sulfuric, nitric, and mixed acid rain on litter decomposition, soil microbial biomass, and enzyme activities in subtropical forests of China. Applied Soil Ecology, 2014, 79, 1-9.	4.3	87
4	Responses of soil microbial biomass and enzymatic activities to fertilizations of mixed inorganic and organic nitrogen at a subtropical forest in East China. Plant and Soil, 2011, 338, 355-366.	3.7	76
5	Effects of copper-loaded chitosan nanoparticles on growth and immunity in broilers. Poultry Science, 2011, 90, 2223-2228.	3.4	74
6	Hydrological processes in major types of Chinese forest. Hydrological Processes, 2005, 19, 63-75.	2.6	67
7	Response of litter decomposition and related soil enzyme activities to different forms of nitrogen fertilization in a subtropical forest. Ecological Research, 2011, 26, 505-513.	1.5	67
8	Effect of simulated acid rain on the litter decomposition of Quercus acutissima and Pinus massoniana in forest soil microcosms and the relationship with soil enzyme activities. Science of the Total Environment, 2010, 408, 2706-2713.	8.0	66
9	Moderate and heavy Solidago canadensis L. invasion are associated with decreased taxonomic diversity but increased functional diversity of plant communities in East China. Ecological Engineering, 2018, 112, 55-64.	3.6	64
10	Solidago canadensis invasion affects soil N-fixing bacterial communities in heterogeneous landscapes in urban ecosystems in East China. Science of the Total Environment, 2018, 631-632, 702-713.	8.0	64
11	The allelopathic effects of invasive plant Solidago canadensis on seed germination and growth of Lactuca sativa enhanced by different types of acid deposition. Ecotoxicology, 2016, 25, 555-562.	2.4	62
12	The efficacy and mechanisms of fungal suppression of freshwater harmful algal bloom species. Journal of Hazardous Materials, 2010, 183, 176-181.	12.4	59
13	Invasion by the weed Conyza canadensis alters soil nutrient supply and shifts microbiota structure. Soil Biology and Biochemistry, 2020, 143, 107739.	8.8	58
14	Bioaccumulation of trace metals in the coastal Borneo (Malaysia) and health risk assessment. Marine Pollution Bulletin, 2019, 145, 56-66.	5.0	56
15	C/EBP-Î²-activated microRNA-223 promotes tumour growth through targeting RASA1 in human colorectal cancer. British Journal of Cancer, 2015, 112, 1491-1500.	6.4	55
16	Different Degrees of Plant Invasion Significantly Affect the Richness of the Soil Fungal Community. PLoS ONE, 2013, 8, e85490.	2.5	55
17	Allelopathic effects of Canada goldenrod leaf extracts on the seed germination and seedling growth of lettuce reinforced under salt stress. Ecotoxicology, 2019, 28, 103-116.	2.4	50
18	Isolation and evaluation of terrestrial fungi with algicidal ability from Zijin Mountain, Nanjing, China. Journal of Microbiology, 2011, 49, 562-567.	2.8	49

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19	Oncogenic PAK4 regulates Smad2/3 axis involving gastric tumorigenesis. Oncogene, 2014, 33, 3473-3484.	5.9	49
20	Ecotoxicological effects of metals with different concentrations and types on the morphological and physiological performance of wheat. Ecotoxicology and Environmental Safety, 2019, 167, 345-353.	6.0	48
21	Floristic characteristics of alien invasive seed plant species in China. Anais Da Academia Brasileira De Ciencias, 2016, 88, 1791-1797.	0.8	47
22	Responses of the soil fungal communities to the coâ€invasion of two invasive species with different cover classes. Plant Biology, 2018, 20, 151-159.	3.8	43
23	Erigeron annuus (L.) Pers. and Solidago canadensis L. antagonistically affect community stability and community invasibility under the co-invasion condition. Science of the Total Environment, 2020, 716, 137128.	8.0	42
24	Insights into the Effects of Simulated Nitrogen Deposition on Leaf Functional Traits of Rhus Typhina. Polish Journal of Environmental Studies, 2016, 25, 1279-1284.	1.2	41
25	Erigeron canadensis affects the taxonomic and functional diversity of plant communities in two climate zones in the North of China. Ecological Research, 2019, 34, 535-547.	1.5	40
26	Seed Priming with Sorghum Water Extract Improves the Performance of Camelina (Camelina sativa (L.)) Tj ETQq0 0 0 rgBT /Overlock 10	3.5	39
27	Plant community and the influence of plant taxonomic diversity on community stability and invasibility: A case study based on Solidago canadensis L.. Science of the Total Environment, 2021, 768, 144518.	8.0	39
28	Canada goldenrod invasion affect taxonomic and functional diversity of plant communities in heterogeneous landscapes in urban ecosystems in East China. Urban Forestry and Urban Greening, 2019, 38, 145-156.	5.3	36
29	Combined nitrogen deposition and Cd stress antagonistically affect the allelopathy of invasive alien species Canada goldenrod on the cultivated crop lettuce. Scientia Horticulturae, 2020, 261, 108955.	3.6	36
30	Effects of nitrogen addition on litter decomposition, soil microbial biomass, and enzyme activities between leguminous and nonâ€leguminous forests. Ecological Research, 2013, 28, 793-800.	1.5	35
31	Responses of soil N-fixing bacteria communities to invasive species over a gradient of simulated nitrogen deposition. Ecological Engineering, 2017, 98, 32-39.	3.6	35
32	Indigenous plant species and invasive alien species tend to diverge functionally under heavy metal pollution and drought stress. Ecotoxicology and Environmental Safety, 2020, 205, 111160.	6.0	35
33	Response of degradative enzymes to N fertilization during litter decomposition in a subtropical forest through a microcosm experiment. Ecological Research, 2010, 25, 1121-1128.	1.5	33
34	Insights into the differences in leaf functional traits of heterophyllous Syringa oblata under different light intensities. Journal of Forestry Research, 2015, 26, 613-621.	3.6	33
35	Responses of soil N-fixing bacteria communities to Amaranthus retroflexus invasion under different forms of N deposition. Agriculture, Ecosystems and Environment, 2017, 247, 329-336.	5.3	33
36	An Enhanced Direct Competitive Immunoassay for the Detection of Kanamycin and Tobramycin in Milk Using Multienzyme-Particle Amplification. Food Analytical Methods, 2018, 11, 2066-2075.	2.6	33

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37	Differences in leaf functional traits and allelopathic effects on seed germination and growth of Lactuca sativa between red and green leaves of Rhus typhina. South African Journal of Botany, 2017, 111, 17-22.	2.5	32
38	â€˜Agricultural Waste to Treasureâ€™ â€“ Biochar and eggshell to impede soil antibiotics/antibiotic resistant bacteria (genes) from accumulating in Solanum tuberosum L.. Environmental Pollution, 2018, 242, 2088-2095.	7.5	31
39	Inorganic nitrogen wet deposition: Evidence from the North-South Transect of Eastern China. Environmental Pollution, 2015, 204, 1-8.	7.5	30
40	A silver on 2D white-C3N4support photocatalyst for mechanistic insights: synergetic utilization of plasmonic effect for solar hydrogen evolution. RSC Advances, 2016, 6, 112420-112428.	3.6	30
41	Variations in leaf functional traits among plant species grouped by growth and leaf types in Zhenjiang, China. Journal of Forestry Research, 2017, 28, 241-248.	3.6	29
42	Effects of different concentrations and types of Cu and Pb on soil N-fixing bacterial communities in the wheat rhizosphere. Applied Soil Ecology, 2019, 144, 51-59.	4.3	29
43	Reproductive Allocation Strategy of Two Herbaceous Invasive Plants Across Different Cover Classes. Polish Journal of Environmental Studies, 2017, 26, 355-364.	1.2	29
44	Arbuscular Mycorrhizal Fungi Contribute to Phosphorous Uptake and Allocation Strategies of Solidago canadensis in a Phosphorous-Deficient Environment. Frontiers in Plant Science, 2022, 13, 831654.	3.6	29
45	Differences in functional traits between invasive and native Amaranthus species under different forms of N deposition. Die Naturwissenschaften, 2017, 104, 59.	1.6	27
46	Cadmium influences the litter decomposition of Solidago canadensis L. and soil N-fixing bacterial communities. Chemosphere, 2020, 246, 125717.	8.2	27
47	Ecological effects of atmospheric nitrogen deposition on soil enzyme activity. Journal of Forestry Research, 2013, 24, 109-114.	3.6	26
48	Using of Tyramine Signal Amplification to Improve the Sensitivity of ELISA for Aflatoxin B1 in Edible Oil Samples. Food Analytical Methods, 2018, 11, 2553-2560.	2.6	26
49	Suppressing the secretion of exosomal miR-19b by gw4869 could regulate oxaliplatin sensitivity in colorectal cancer. Neoplasma, 2019, 66, 39-45.	1.6	26
50	Surface modification of ultra high modulus polyethylene fibers by an atmospheric pressure plasma jet. Journal of Applied Polymer Science, 2008, 108, 25-33.	2.6	25
51	Proteomic analysis reveals large amounts of decomposition enzymes and major metabolic pathways involved in algicidal process of Trametes versicolor F21a. Scientific Reports, 2017, 7, 3907.	3.3	25
52	Silver nanoparticles with different particle sizes enhance the allelopathic effects of Canada goldenrod on the seed germination and seedling development of lettuce. Ecotoxicology, 2018, 27, 1116-1125.	2.4	25
53	Responses of soil N-fixing bacterial communities to redroot pigweed (Amaranthus retroflexus L.) invasion under Cu and Cd heavy metal soil pollution. Agriculture, Ecosystems and Environment, 2018, 267, 15-22.	5.3	25
54	Alpine grassland degradation reduced plant species diversity and stability of plant communities in the Northern Tibet Plateau. Acta Oecologica, 2019, 98, 25-29.	1.1	25

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55	Canada goldenrod invasion cause significant shifts in the taxonomic diversity and community stability of plant communities in heterogeneous landscapes in urban ecosystems in East China. Ecological Engineering, 2019, 127, 504-509.	3.6	25
56	The functional diversity of native ecosystems increases during the major invasion by the invasive alien species, Conyza canadensis. Ecological Engineering, 2021, 159, 106093.	3.6	25
57	Insights into Ecological Effects of Invasive Plants on Soil Nitrogen Cycles. American Journal of Plant Sciences, 2015, 06, 34-46.	0.8	25
58	Differences in Leaf Functional Traits Between Rhus typhina and Native Species. Clean - Soil, Air, Water, 2016, 44, 1591-1597.	1.1	24
59	Effects of Different Types of Heavy Metal Pollution on Functional Traits of Invasive Redroot Pigweed and Native Red Amaranth. International Journal of Environmental Research, 2018, 12, 419-427.	2.3	24
60	Influence of environmental moisture on atmospheric pressure plasma jet treatment of ultrahigh-modulus polyethylene fibers. Journal of Adhesion Science and Technology, 2007, 21, 663-676.	2.6	23
61	Combined allelopathy of Canada goldenrod and horseweed on the seed germination and seedling growth performance of lettuce. Landscape and Ecological Engineering, 2020, 16, 299-306.	1.5	23
62	Allelopathy of three Compositae invasive alien species on indigenous Lactuca sativa L. enhanced under Cu and Pb pollution. Scientia Horticulturae, 2020, 267, 109323.	3.6	23
63	Visitorsâ€™ perception based on five physical senses on ecosystem services of urban parks from the perspective of landsenses ecology. International Journal of Sustainable Development and World Ecology, 2020, 27, 214-223.	5.9	23
64	Insight into the temperature sensitivity of forest litter decomposition and soil enzymes in subtropical forest in China. Journal of Plant Ecology, 2012, 5, 279-286.	2.3	22
65	Differences in functional traits between invasive and native Amaranthus species under simulated acid deposition with a gradient of pH levels. Acta Oecologica, 2018, 89, 32-37.	1.1	21
66	Investigation of toxic elements in Carassius gibelio and Sinanodonta woodiana and its health risk to humans. Environmental Science and Pollution Research, 2020, 27, 19955-19969.	5.3	21
67	Functional Traits and Reproductive Allocation Strategy of Conyza canadensis as they Vary by Invasion Degree Along a Latitude Gradient. Polish Journal of Environmental Studies, 2017, 26, 1289-1297.	1.2	21
68	Distribution correlations of cadmium to calcium, phosphorus, sodium and chloridion in mangrove Aegiceras corniculatum root tissues. Marine Pollution Bulletin, 2018, 126, 179-183.	5.0	20
69	Foliar dust as a reliable environmental monitor of heavy metal pollution in comparison to plant leaves and soil in urban areas. Chemosphere, 2022, 287, 132341.	8.2	20
70	Response of Leaf Functional Traits of Cerasus yedoensis (Mats.) YÃ¼ Li to Serious Insect Attack. Polish Journal of Environmental Studies, 2016, 25, 333-339.	1.2	20
71	Mixed Inorganic and Organic Nitrogen Addition Enhanced Extracellular Enzymatic Activities in a Subtropical Forest Soil in East China. Water, Air, and Soil Pollution, 2011, 216, 229-237.	2.4	19
72	N deposition affects allelopathic potential of Amaranthus retroflexus with different distribution regions. Anais Da Academia Brasileira De Ciencias, 2017, 89, 919-926.	0.8	19

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73	å…¥ä¾µæ¤ç‰©ä¸Žæœ¬åœ°æ¤ç‰©çš„åŠŸèƒ½æ€§çŠ¶å’Œç¹æ®–åˆ†é…ä¹‹å·®å¼‚. Journal of Central South University, 2018, 25, 516-	3.0	19
74	Dual-label time-resolved fluoroimmunoassay as an advantageous approach for investigation of diethyl phthalate & dibutyl phthalate in surface water. Science of the Total Environment, 2019, 695, 133793.	8.0	19
75	Decadalâ€Scale Recovery of Carbon Stocks After Wildfires Throughout the Boreal Forests. Global Biogeochemical Cycles, 2020, 34, e2020GB006612.	4.9	19
76	Effects of Canada Goldenrod Invasion on Soil Extracellular Enzyme Activities and Ecoenzymatic Stoichiometry. Sustainability, 2021, 13, 3768.	3.2	19
77	Allelopathic suppression by Conyza canadensis depends on the interaction between latitude and the degree of the plantâ€™s invasion. Acta Botanica Brasilica, 2017, 31, 212-219.	0.8	18
78	Highly efficient detection of salbutamol in environmental water samples by an enzyme immunoassay. Science of the Total Environment, 2018, 613-614, 861-865.	8.0	18
79	The combined treatments of Canada goldenrod leaf extracts and cadmium pollution confer an inhibitory effect on seed germination and seedling development of lettuce. Australian Journal of Botany, 2018, 66, 331.	0.6	18
80	Zearalenone Contamination in Corn, Corn Products, and Swine Feed in China in 2016â€“2018 as Assessed by Magnetic Bead Immunoassay. Toxins, 2019, 11, 451.	3.4	18
81	Degree of invasion of Canada goldenrod (<i>Solidago canadensis</i> L.) plays an important role in the variation of plant taxonomic diversity and community stability in eastern China. Ecological Research, 2019, 34, 782-789.	1.5	18
82	Competitive ability and plasticity of Wedelia trilobata (L.) under wetland hydrological variations. Scientific Reports, 2020, 10, 9431.	3.3	18
83	Nitrogen Deposition Influences the Allelopathic Effect of an Invasive Plant on the Reproduction of a Native Plant: <i>Solidago canadensis versus</i> <i>Pterocypsela laciniata</i>. Polish Journal of Ecology, 2017, 65, 87-96.	0.2	18
84	Anode Current Collecting Efficiency of Tubular Anodeâ€supported Solid Oxide Fuel Cells. Fuel Cells, 2011, 11, 465-468.	2.4	17
85	Effects of dietary cholesterol levels on moulting performance, lipid accumulation, ecdysteroid concentration and immune enzymes activities of juvenile Chinese mitten crab<i>Eriocheir sinensis</i>. Aquaculture Nutrition, 2014, 20, 467-476.	2.7	17
86	Highly efficient detection of paclobutrazol in environmental water and soil samples by time-resolved fluoroimmunoassay. Science of the Total Environment, 2016, 569-570, 1629-1634.	8.0	17
87	Assessment of the Ecological Reservoir Operation in the Yangtze Estuary Based on the Salinity Requirements of the Indicator Species. River Research and Applications, 2016, 32, 946-957.	1.7	17
88	Responses of soil N-fixing bacteria communities to invasive plant species under different types of simulated acid deposition. Die Naturwissenschaften, 2017, 104, 43.	1.6	17
89	Contamination of Zearalenone from China in 2019 by a Visual and Digitized Immunochromatographic Assay. Toxins, 2020, 12, 521.	3.4	17
90	Drought may be beneficial to the competitive advantage of <i>Amaranthus spinosus</i>. Journal of Plant Ecology, 2022, 15, 494-508.	2.3	17

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91	Invasive European frogbit (Hydrocharis morsus-ranae L.) in North America: an updated review 2003â€“16. Journal of Plant Ecology, 2018, 11, 17-25.	2.3	16
92	Sensitive and selective determination of butyl benzyl phthalate from environmental samples using an enzyme immunoassay. Science of the Total Environment, 2019, 687, 849-857.	8.0	16
93	Effect of leaf water extracts of four Asteraceae alien invasive plants on germination performance of Lactuca sativa L. under acid deposition. Plant Ecology, 2021, 222, 433-443.	1.6	16
94	Use of Carbon Nanotubes as a Solid Support To Establish Quantitative (Centrifugation) and Qualitative (Filtration) Immunoassays To Detect Gentamicin Contamination in Commercial Milk. Journal of Agricultural and Food Chemistry, 2016, 64, 7874-7881.	5.2	15
95	Analysis of anatomical changes and cadmium distribution in Aegiceras corniculatum (L.) Blanco roots under cadmium stress. Marine Pollution Bulletin, 2019, 149, 110536.	5.0	15
96	Changes in community structure and metabolic function of soil bacteria depending on the type restoration processing in the degraded alpine grassland ecosystems in Northern Tibet. Science of the Total Environment, 2021, 755, 142619.	8.0	15
97	Time-resolved immunoassay based on magnetic particles for the detection of diethyl phthalate in environmental water samples. Science of the Total Environment, 2017, 601-602, 723-731.	8.0	15
98	Which factor contributes most to the invasion resistance of native plant communities under the co-invasion of two invasive plant species?. Science of the Total Environment, 2022, 813, 152628.	8.0	15
99	The possibility of using cyanobacterial bloom materials as a medium for white rot fungi. Letters in Applied Microbiology, 2012, 54, 96-101.	2.2	14
100	A novel switchable fluorescent sensor for facile and highly sensitive detection of alkaline phosphatase activity in a water environment with gold/silver nanoclusters. Analytical and Bioanalytical Chemistry, 2019, 411, 1009-1017.	3.7	14
101	Stand-alone or co-occurring invasive plant species do not modify the diversity of the soil N₂-fixing bacterial community. Plant Ecology and Diversity, 2020, 13, 277-287.	2.4	14
102	Keystone taxa shared between earthworm gut and soil indigenous microbial communities collaboratively resist chlordane stress. Environmental Pollution, 2021, 283, 117095.	7.5	14
103	Effects of Different Nitrogen Forms and Competitive Treatments on the Growth and Antioxidant System of Wedelia trilobata and Wedelia chinensis Under High Nitrogen Concentrations. Frontiers in Plant Science, 2022, 13, 851099.	3.6	14
104	Insights into seasonal variation of litter decomposition and related soil degradative enzyme activities in subtropical forest in China. Journal of Forestry Research, 2013, 24, 683-689.	3.6	13
105	Responses of Soil Bacterial Communities to Conyza canadensis Invasion with Different Cover Classes Along a Climatic Gradient. Clean - Soil, Air, Water, 2018, 46, 1800212.	1.1	13
106	Immunomagnetic bead-based biotin-streptavidin system for highly efficient detection of aflatoxin B₁ in agricultural products. RSC Advances, 2018, 8, 26029-26035.	3.6	13
107	The invasive tree staghorn sumac affects soil N 2 â€fixing bacterial communities in north China. Plant Biology, 2019, 21, 951-960.	3.8	13
108	Survey of Deoxynivalenol Contamination in Agricultural Products in the Chinese Market Using An ELISA Kit. Toxins, 2019, 11, 6.	3.4	13

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109	Litter decomposition process dramatically declines the allelopathy of Solidago canadensis L. on the seed germination and seedling growth of Lactuca sativa L.. International Journal of Phytoremediation, 2020, 22, 1295-1303.	3.1	13
110	Fluctuated water depth with high nutrient concentrations promote the invasiveness of Wedelia trilobata in Wetland. Ecology and Evolution, 2020, 10, 832-842.	1.9	13
111	Plant height and leaf size: Which one is more important in affecting the successful invasion of Solidago canadensis and Conyza canadensis in urban ecosystems?. Urban Forestry and Urban Greening, 2021, 59, 127033.	5.3	13
112	Responses of soil microbial biomass and enzymatic activities to different forms of organic nitrogen deposition in the subtropical forests in East China. Ecological Research, 2013, 28, 447-457.	1.5	12
113	Differences in leaf functional traits between exotic and native Compositae plant species. Journal of Central South University, 2017, 24, 2468-2474.	3.0	12
114	Atmospheric N deposition alleviates the unfavorable effects of drought on wheat growth. Revista Brasileira De Botanica, 2020, 43, 229-238.	1.3	12
115	Heavy metal pollution improves allelopathic effects of Canada goldenrod on lettuce germination. Plant Biology, 2020, 22, 832-838.	3.8	12
116	Interactions between invasive plants and heavy metal stresses: a review. Journal of Plant Ecology, 2022, 15, 429-436.	2.3	12
117	Drought Enhanced the Allelopathy of Goldenrod on the Seed Germination and Seedling Growth Performance of Lettuce. Polish Journal of Environmental Studies, 2020, 30, 423-432.	1.2	12
118	The mutual restraint effect between the expansion of Alternanthera philoxeroides (Mart.) Griseb and cadmium mobility in aquatic environment. Ecotoxicology and Environmental Safety, 2018, 148, 237-243.	6.0	11
119	Co-invasion of daisy fleabane and Canada goldenrod pose synergistic impacts on soil bacterial richness. Journal of Central South University, 2020, 27, 1790-1801.	3.0	11
120	The Effect of Submergence and Eutrophication on the Traitâ€™s Performance of Wedelia Trilobata over Its Congener Native Wedelia Chinensis. Water (Switzerland), 2020, 12, 934.	2.7	11
121	Establishment of a Chemiluminescence Immunoassay Combined with Immunomagnetic Beads for Rapid Analysis of Ochratoxin A. Journal of AOAC INTERNATIONAL, 2022, 105, 346-351.	1.5	11
122	Increased fluctuation of sulfur alleviates cadmium toxicity and exacerbates the expansion of Spartina alterniflora in coastal wetlands. Environmental Pollution, 2022, 292, 118399.	7.5	11
123	Semiâ€quantitative and quantitative detection of ochratoxin <scp>A</scp> in agricultural byâ€products using a selfâ€assembling immunochromatographic strip. Journal of the Science of Food and Agriculture, 2021, 101, 1659-1665.	3.5	10
124	Resource conservation strategy helps explain patterns of biological invasion in a low-N environment. Biochemical Systematics and Ecology, 2021, 94, 104205.	1.3	10
125	Plantâ€“soil feedback during biological invasions: effect of litter decomposition from an invasive plant (Sphagneticola trilobata) on its native congener (S. calendulacea). Journal of Plant Ecology, 2022, 15, 610-624.	2.3	10
126	Differences in leaf functional traits between red and green leaves of two evergreen shrubs PhotiniaÂÃ—Âfraseri and Osmanthus fragrans. Journal of Forestry Research, 2017, 28, 473-479.	3.6	9

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127	Sustained Swimming Training Is Associated With Reversible Filet Texture Changes of European Sea Bass (Dicentrarchus labrax L.). Frontiers in Physiology, 2019, 10, 725.	2.8	9
128	Evaluation of the allelopathic effects of leachate from an invasive species (Wedelia triobata) on its own growth and performance and those of a native congener (W. chinensis). Biological Invasions, 2021, 23, 3135-3149.	2.4	9
129	Sulfur mediated heavy metal biogeochemical cycles in coastal wetlands: From sediments, rhizosphere to vegetation. Frontiers of Environmental Science and Engineering, 2022, 16, 1.	6.0	9
130	Rapid determination of aflatoxin B1 by an automated immunomagnetic bead purification sample pretreatment method combined with highâ€performance liquid chromatography. Journal of Separation Science, 2020, 43, 3509-3519.	2.5	8
131	The allelopathy of horseweed with different invasion degrees in three provinces along the Yangtze River in China. Physiology and Molecular Biology of Plants, 2021, 27, 483-495.	3.1	8
132	Preparation of hydrophilic reactive polyurethane and its application of anti-water erodibility in ecological restoration. Journal of Polymer Engineering, 2019, 39, 736-743.	1.4	7
133	Variability of leaf functional traits of invasive tree Rhus typhina L. in North China. Journal of Central South University, 2020, 27, 155-163.	3.0	7
134	Artificial neural networking to estimate the leaf area for invasive plant Wedelia trilobata. Nordic Journal of Botany, 2020, 38, .	0.5	7
135	Ecological restoration treatments enhanced plant and soil microbial diversity in the degraded alpine steppe in Northern Tibet. Land Degradation and Development, 2021, 32, 723-737.	3.9	7
136	Ultrasensitive monitoring strategy of <scp>PCR</scp>â€like levels for zearalenone contamination based <scp>DNA</scp> barcode. Journal of the Science of Food and Agriculture, 2021, 101, 4490-4497.	3.5	7
137	Substrate availability regulates the suppressive effects of Canada goldenrod invasion on soil respiration. Journal of Plant Ecology, 2022, 15, 509-523.	2.3	7
138	A sensitive chemiluminescence immunoassay based on immunomagnetic beads for quantitative detection of zearalenone. European Food Research and Technology, 2021, 247, 2171-2181.	3.3	7
139	High-performance liquid chromatography for the sensitive zearalenone determination by the automated immunomagnetic beads purifier for one-step sample pre-treatment. European Food Research and Technology, 2022, 248, 109-117.	3.3	7
140	Invasion Intensity Modulates the Allelopathic Impact of Solidago canadensis L. Leaves and Roots Against Lactuca sativa L. During Germination and Early Seedling Stage. International Journal of Environmental Research, 2022, 16, .	2.3	7
141	Alien invasive plant Amaranthus spinosus mainly altered the community structure instead of the Î± diversity of soil N-fixing bacteria under drought. Acta Oecologica, 2021, 113, 103788.	1.1	6
142	Does N deposition mitigate the adverse impacts of drought stress on plant seed germination and seedling growth?. Acta Oecologica, 2020, 109, 103650.	1.1	6
143	Toxic effect and mechanism of four ionic liquids on seedling taproots of Arabidopsis thaliana. Environmental Science and Pollution Research, 2018, 25, 14703-14712.	5.3	5
144	Genetic effects of historical anthropogenic disturbance on a long-lived endangered tropical tree Vatica mangachapoi. Journal of Forestry Research, 2018, 29, 291-299.	3.6	5

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145	The mixed silicon and cadmium synergistically impact the allelopathy of Solidago canadensis L. on native plant species Lactuca sativa L.. Ecotoxicology, 2020, 29, 1095-1104.	2.4	5
146	Ecological protection for natural protected areas based on landsenses ecology: a case study of Dalinor National Nature Reserve. International Journal of Sustainable Development and World Ecology, 2020, 27, 709-717.	5.9	5
147	Nitrogen application and osmotic stress antagonistically affect wheat seed germination and seedling growth. International Journal of Phytoremediation, 2021, 23, 1289-1300.	3.1	5
148	Opposing effects of plant growth regulators via clonal integration on apical and basal performance in alligator weed. Journal of Plant Ecology, 2022, 15, 650-662.	2.3	5
149	Transcriptome profiling of Arabidopsis thaliana roots in response to allelopathic effects of Conyza canadensis. Ecotoxicology, 2022, 31, 53-63.	2.4	5
150	The Impact of Sea Embankment Reclamation on Greenhouse Gas GHG Fluxes and Stocks in Invasive Spartina alterniflora and Native Phragmites australis Wetland Marshes of East China. Sustainability, 2021, 13, 12740.	3.2	5
151	A new residue method for the determination of flonicamid in agricultural and environmental samples using enzyme immunoassay systems. RSC Advances, 2016, 6, 35842-35846.	3.6	4
152	Outbreak of vibriosis associated with Vibrio parahaemolyticus in the mud crab Scylla paramamosain cultured in China. Diseases of Aquatic Organisms, 2021, 144, 187-196.	1.0	4
153	Heavy drought reduces the decomposition rate of the mixed litters of two composite invasive alien plants. Journal of Plant Ecology, 2023, 16, .	2.3	4
154	Silver nanoparticles reduced the invasiveness of redroot pigweed. Ecotoxicology, 2019, 28, 983-994.	2.4	3
155	Addition of Phosphorus and Nitrogen Support the Invasiveness of Alternanthera Philoxeroides Under Water Stress. Clean - Soil, Air, Water, 2020, 48, 2000059.	1.1	3
156	Reproductive allocation of Solidago canadensis L. plays a key role in its invasiveness across a gradient of invasion degrees. Population Ecology, 2021, 63, 290.	1.2	3
157	Particle size rather than concentration of silver nanoparticles mainly affects soil N2-fixing bacterial communities. International Journal of Environmental Science and Technology, 2022, 19, 5611-5622.	3.5	3
158	Invasive Alternanthera philoxeroides has performance advantages over natives under flooding with high amount of nitrogen. Aquatic Ecology, 2022, 56, 891-903.	1.5	3
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