Congyan Wang

List of Publications by Citations

156 papers	2,517 citations	26 h-index	41 g-index
172 ext. papers	3,343 ext. citations	3.9 avg, IF	5.5 L-index

#	Paper	IF	Citations
156	NET PRIMARY PRODUCTION AND CARBON ALLOCATION PATTERNS OF BOREAL FOREST ECOSYSTEMS **2001**, 11, 1395-1411		309
155	Lignin depolymerization and utilization by bacteria. *Bioresource Technology*, **2018**, 269, 557-566	11	88
154	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	5	64
153	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	4.2	61
152	Hydrological processes in major types of Chinese forest. *Hydrological Processes*, **2005**, 19, 63-75	3.3	59
151	Effects of copper-loaded chitosan nanoparticles on growth and immunity in broilers. *Poultry Science* , **2011**, 90, 2223-8	3.9	56
150	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	1.9	54
149	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, 2706-13	10.2	53
148	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	10.2	51
147	C/EBP-□activated microRNA-223 promotes tumour growth through targeting RASA1 in human colorectal cancer. *British Journal of Cancer*, **2015**, 112, 1491-500	8.7	49
146	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	3.9	47
145	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, 555-62	2.9	42
144	Oncogenic PAK4 regulates Smad2/3 axis involving gastric tumorigenesis. *Oncogene*, **2014**, 33, 3473-84	9.2	41
143	The efficacy and mechanisms of fungal suppression of freshwater harmful algal bloom species. *Journal of Hazardous Materials*, **2010**, 183, 176-81	12.8	41
142	Different degrees of plant invasion significantly affect the richness of the soil fungal community. *PLoS ONE*, **2013**, 8, e85490	3.7	37
141	Bioaccumulation of trace metals in the coastal Borneo (Malaysia) and health risk assessment. *Marine Pollution Bulletin*, **2019**, 145, 56-66	6.7	35
140	Isolation and evaluation of terrestrial fungi with algicidal ability from Zijin Mountain, Nanjing, China. *Journal of Microbiology*, **2011**, 49, 562-7	3	33

139	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	7	32
138	Floristic characteristics of alien invasive seed plant species in China. *Anais Da Academia Brasileira De Ciencias*, **2016**, 88, 1791-1797	1.4	30
137	Responses of the soil fungal communities to the co-invasion of two invasive species with different cover classes. *Plant Biology*, **2018**, 20, 151-159	3.7	29
136	Responses of soil N-fixing bacteria communities to invasive species over a gradient of simulated nitrogen deposition. *Ecological Engineering*, **2017**, 98, 32-39	3.9	29
135	A silver on 2D white-C3N4 support photocatalyst for mechanistic insights: synergetic utilization of plasmonic effect for solar hydrogen evolution. *RSC Advances*, **2016**, 6, 112420-112428	3.7	28
134	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	5.4	28
133	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	2.9	28
132	Invasion by the weed Conyza canadensis alters soil nutrient supply and shifts microbiota structure. *Soil Biology and Biochemistry*, **2020**, 143, 107739	7.5	26
131	Response of degradative enzymes to N fertilization during litter decomposition in a subtropical forest through a microcosm experiment. *Ecological Research*, **2010**, 25, 1121-1128	1.9	26
130	Insights into the Effects of Simulated Nitrogen Deposition on Leaf Functional Traits of Rhus Typhina. *Polish Journal of Environmental Studies*, **2016**, 25, 1279-1284	2.3	25
129	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	5.7	24
128	Reproductive Allocation Strategy of Two Herbaceous Invasive Plants Across Different Cover Classes. *Polish Journal of Environmental Studies*, **2017**, 26, 355-364	2.3	24
127	Insights into the differences in leaf functional traits of heterophyllous Syringa oblata under different light intensities. *Journal of Forestry Research*, **2015**, 26, 613-621	2	23
126	Effects of nitrogen addition on litter decomposition, soil microbial biomass, and enzyme activities between leguminous and non-leguminous forests. *Ecological Research*, **2013**, 28, 793-800	1.9	23
125	Surface modification of ultra high modulus polyethylene fibers by an atmospheric pressure plasma jet. *Journal of Applied Polymer Science*, **2008**, 108, 25-33	2.9	23
124	Inorganic nitrogen wet deposition: Evidence from the North-South Transect of Eastern China. *Environmental Pollution*, **2015**, 204, 1-8	9.3	22
123	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	2.9	21
122	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	5	21

121	Differences in functional traits between invasive and native Amaranthus species under different forms of N deposition. *Die Naturwissenschaften*, **2017**, 104, 59	2	21
120	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	21
119	Ecological effects of atmospheric nitrogen deposition on soil enzyme activity. *Journal of Forestry Research*, **2013**, 24, 109-114	2	20
118	Insights into Ecological Effects of Invasive Plants on Soil Nitrogen Cycles. *American Journal of Plant Sciences*, **2015**, 06, 34-46	0.5	20
117	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	3.9	20
116	'Agricultural Waste to Treasure' - Biochar and eggshell to impede soil antibiotics/antibiotic resistant bacteria (genes) from accumulating in Solanum tuberosum L. *Environmental Pollution*, **2018**, 242, 2088-2095	9.3	20
115	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	3.4	19
114	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	2	19
113	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	2.3	19
112	Suppressing the secretion of exosomal miR-19b by gw4869 could regulate oxaliplatin sensitivity in colorectal cancer. *Neoplasma*, **2019**, 66, 39-45	3.3	18
111	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	10.2	18
110	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	3.4	18
109	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	5.7	18
108	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	1.9	18
107	Alpine grassland degradation reduced plant species diversity and stability of plant communities in the Northern Tibet Plateau. *Acta Oecologica*, **2019**, 98, 25-29	1.7	17
106	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	1.7	17
105	Response of Leaf Functional Traits of Cerasus yedoensis (Mats.) Y□Li to Serious Insect Attack. *Polish Journal of Environmental Studies*, **2016**, 25, 333-339	2.3	17
104	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	7	17

103	Differences in Leaf Functional Traits Between Rhus typhina and Native Species. *Clean - Soil, Air, Water*, **2016**, 44, 1591-1597	1.6	17
102	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	2.9	16
101	N deposition affects allelopathic potential of Amaranthus retroflexus with different distribution regions. *Anais Da Academia Brasileira De Ciencias*, **2017**, 89, 919-926	1.4	15
100	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	1.2	15
99	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	2.6	15
98	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	4.1	15
97	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	1.7	14
96	Cadmium influences the litter decomposition of Solidago canadensis L. and soil N-fixing bacterial communities. *Chemosphere*, **2020**, 246, 125717	8.4	14
95	Highly efficient detection of salbutamol in environmental water samples by an enzyme immunoassay. *Science of the Total Environment*, **2018**, 613-614, 861-865	10.2	13
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	5.7	13
93	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	2.9	13
92	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	10.2	12
91	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	2.3	12
90	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	4.9	12
89	Responses of soil N-fixing bacteria communities to invasive plant species under different types of simulated acid deposition. *Die Naturwissenschaften*, **2017**, 104, 43	2	11
88	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	1.9	11
87	The invasive tree staghorn sumac affects soil N -fixing bacterial communities in north China. *Plant Biology*, **2019**, 21, 951-960	3.7	10
86	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	5.1	10

85	Allelopathic suppression by Conyza canadensis depends on the interaction between latitude and the degree of the plant invasion. *Acta Botanica Brasilica*, **2017**, 31, 212-219	1	10
84	Differences in functional traits and reproductive allocations between native and invasive plants. *Journal of Central South University*, **2018**, 25, 516-525	2.1	10
83	Zearalenone Contamination in Corn, Corn Products, and Swine Feed in China in 2016-2018 as Assessed by Magnetic Bead Immunoassay. *Toxins*, **2019**, 11,	4.9	10
82	Sensitive and selective determination of butyl benzyl phthalate from environmental samples using an enzyme immunoassay. *Science of the Total Environment*, **2019**, 687, 849-857	10.2	10
81	Anode Current Collecting Efficiency of Tubular Anode-supported Solid Oxide Fuel Cells. *Fuel Cells*, **2011**, 11, 465-468	2.9	10
80	Nitrogen Deposition Influences the Allelopathic Effect of an Invasive Plant on the Reproduction of a Native Plant: Solidago canadensis versus Pterocypsela laciniata. *Polish Journal of Ecology*, **2017**, 65, 87-96	0.4	10
79	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	10.2	10
78	Distribution correlations of cadmium to calcium, phosphorus, sodium and chloridion in mangrove Aegiceras corniculatum root tissues. *Marine Pollution Bulletin*, **2018**, 126, 179-183	6.7	10
77	Responses of Soil Bacterial Communities to Conyza canadensis Invasion with Different Cover Classes Along a Climatic Gradient. *Clean - Soil, Air, Water*, **2018**, 46, 1800212	1.6	10
76	Allelopathy of three Compositae invasive alien species on indigenous Lactuca sativa L. enhanced under Cu and Pb pollution. *Scientia Horticulturae*, **2020**, 267, 109323	4.1	9
75	Immunomagnetic bead-based biotin-streptavidin system for highly efficient detection of aflatoxin B in agricultural products.. *RSC Advances*, **2018**, 8, 26029-26035	3.7	9
74	Differences in leaf functional traits between exotic and native Compositae plant species. *Journal of Central South University*, **2017**, 24, 2468-2474	2.1	9
73	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	2	9
72	Seed Priming with Sorghum Water Extract Improves the Performance of Camelina ((L.) Crantz.) under Salt Stress. *Plants*, **2021**, 10,	4.5	9
71	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	4.4	9
70	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	10.2	8
69	Visitors 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	3.8	8
68	Degree of invasion of Canada goldenrod (Solidago canadensis L.) plays an important role in the variation of plant taxonomic diversity and community stability in eastern China. *Ecological Research*, **2019**, 34, 782-789	1.9	8

67	Survey of Deoxynivalenol Contamination in Agricultural Products in the Chinese Market Using An ELISA Kit. *Toxins*, **2018**, 11,	4.9	8
66	The functional diversity of native ecosystems increases during the major invasion by the invasive alien species, Conyza canadensis. *Ecological Engineering*, **2021**, 159, 106093	3.9	8
65	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	7	8
64	Analysis of anatomical changes and cadmium distribution in Aegiceras corniculatum (L.) Blanco roots under cadmium stress. *Marine Pollution Bulletin*, **2019**, 149, 110536	6.7	7
63	Invasive European frogbit (Hydrocharis morsus-ranae L.) in North America: an updated review 2003–16. *Journal of Plant Ecology*, **2018**, 11, 17-25	1.7	7
62	Effects of dietary cholesterol levels on moulting performance, lipid accumulation, ecdysteroid concentration and immune enzymes activities of juvenile Chinese mitten crab Eriocheir sinensis. *Aquaculture Nutrition*, **2014**, 20, 467-476	3.2	7
61	Contamination of Zearalenone from China in 2019 by a Visual and Digitized Immunochromatographic Assay. *Toxins*, **2020**, 12,	4.9	7
60	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	2	6
59	Fluctuated water depth with high nutrient concentrations promote the invasiveness of in Wetland. *Ecology and Evolution*, **2020**, 10, 832-842	2.8	6
58	Decadal-Scale Recovery of Carbon Stocks After Wildfires Throughout the Boreal Forests. *Global Biogeochemical Cycles*, **2020**, 34, e2020GB006612	5.9	6
57	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	10.2	6
56	Rapid determination of aflatoxin B1 by an automated immunomagnetic bead purification sample pretreatment method combined with high-performance liquid chromatography. *Journal of Separation Science*, **2020**, 43, 3509-3519	3.4	5
55	Atmospheric N deposition alleviates the unfavorable effects of drought on wheat growth. *Revista Brasileira De Botanica*, **2020**, 43, 229-238	1.2	5
54	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	2.2	5
53	Competitive ability and plasticity of Wedelia trilobata (L.) under wetland hydrological variations. *Scientific Reports*, **2020**, 10, 9431	4.9	5
52	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	10.2	5
51	Sustained Swimming Training Is Associated With Reversible Filet Texture Changes of European Sea Bass (L.). *Frontiers in Physiology*, **2019**, 10, 725	4.6	4
50	The Effect of Submergence and Eutrophication on the Trait□ Performance of Wedelia Trilobata over Its Congener Native Wedelia Chinensis. *Water (Switzerland)*, **2020**, 12, 934	3	4

49	Toxic effect and mechanism of four ionic liquids on seedling taproots of Arabidopsis thaliana. *Environmental Science and Pollution Research*, **2018**, 25, 14703-14712	5.1	4
48	Co-invasion of daisy fleabane and Canada goldenrod pose synergistic impacts on soil bacterial richness. *Journal of Central South University*, **2020**, 27, 1790-1801	2.1	4
47	Effects of Canada Goldenrod Invasion on Soil Extracellular Enzyme Activities and Ecoenzymatic Stoichiometry. *Sustainability*, **2021**, 13, 3768	3.6	4
46	A new residue method for the determination of flonicamid in agricultural and environmental samples using enzyme immunoassay systems. *RSC Advances*, **2016**, 6, 35842-35846	3.7	4
45	Resource conservation strategy helps explain patterns of biological invasion in a low-N environment. *Biochemical Systematics and Ecology*, **2021**, 94, 104205	1.4	4
44	Establishment of a Chemiluminescence Immunoassay Combined with Immunomagnetic Beads for Rapid Analysis Of Ochratoxin A. *Journal of AOAC INTERNATIONAL*, **2021**,	1.7	4
43	Differences in leaf functional traits between red and green leaves of two evergreen shrubs Photinia □fraseri and Osmanthus fragrans. *Journal of Forestry Research*, **2017**, 28, 473-479	2	3
42	Artificial neural networking to estimate the leaf area for invasive plant Wedelia trilobata. *Nordic Journal of Botany*, **2020**, 38,	1.1	3
41	Heavy metal pollution improves allelopathic effects of Canada goldenrod on lettuce germination. *Plant Biology*, **2020**, 22, 832-838	3.7	3
40	The possibility of using cyanobacterial bloom materials as a medium for white rot fungi. *Letters in Applied Microbiology*, **2012**, 54, 96-101	2.9	3
39	Increased fluctuation of sulfur alleviates cadmium toxicity and exacerbates the expansion of Spartina alterniflora in coastal wetlands. *Environmental Pollution*, **2022**, 292, 118399	9.3	3
38	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	3
37	Interactions between invasive plants and heavy metal stresses: a review. *Journal of Plant Ecology*,	1.7	3
36	Keystone taxa shared between earthworm gut and soil indigenous microbial communities collaboratively resist chlordane stress. *Environmental Pollution*, **2021**, 283, 117095	9.3	3
35	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	3.8	2
34	Variability of leaf functional traits of invasive tree Rhus typhina L. in North China. *Journal of Central South University*, **2020**, 27, 155-163	2.1	2
33	Genetic effects of historical anthropogenic disturbance on a long-lived endangered tropical tree Vatica mangachapoi. *Journal of Forestry Research*, **2018**, 29, 291-299	2	2
32	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	2.3	2

31	Does N deposition mitigate the adverse impacts of drought stress on plant seed germination and seedling growth?. *Acta Oecologica*, **2020**, 109, 103650	1.7	2
30	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	5.4	2
29	Semi-quantitative and quantitative detection of ochratoxin A in agricultural by-products using a self-assembling immunochromatographic strip. *Journal of the Science of Food and Agriculture*, **2021**, 101, 1659-1665	4.3	2
28	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	8.4	2
27	Sulfur mediated heavy metal biogeochemical cycles in coastal wetlands: From sediments, rhizosphere to vegetation. *Frontiers of Environmental Science and Engineering*, **2022**, 16, 1	5.8	2
26	Addition of Phosphorus and Nitrogen Support the Invasiveness of Alternanthera Philoxeroides Under Water Stress. *Clean - Soil, Air, Water*, **2020**, 48, 2000059	1.6	1
25	Silver nanoparticles reduced the invasiveness of redroot pigweed. *Ecotoxicology*, **2019**, 28, 983-994	2.9	1
24	Enhancement of electronic conductivity of LiAl0.3Co0.7O2 via Mg doping. *Journal of Materials Science Letters*, **2003**, 22, 1183-1184		1
23	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	3.6	1
22	Effects of Experimental Warming and Canada Goldenrod Invasion on the Diversity and Function of the Soil Nematode Community. *Sustainability*, **2021**, 13, 13145	3.6	1
21	Nitrogen application and osmotic stress antagonistically affect wheat seed germination and seedling growth. *International Journal of Phytoremediation*, **2021**, 23, 1289-1300	3.9	1
20	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	2.8	1
19	Outbreak of vibriosis associated with Vibrio parahaemolyticus in the mud crab Scylla paramamosain cultured in China. *Diseases of Aquatic Organisms*, **2021**, 144, 187-196	1.7	1
18	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	4.4	1
17	Ultrasensitive monitoring strategy of PCR-like levels for zearalenone contamination based DNA barcode. *Journal of the Science of Food and Agriculture*, **2021**, 101, 4490-4497	4.3	1
16	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*,1	3.4	1
15	Alien invasive plant Amaranthus spinosus mainly altered the community structure instead of the β diversity of soil N-fixing bacteria under drought. *Acta Oecologica*, **2021**, 113, 103788	1.7	1
14	Effects of Different Nitrogen Forms and Competitive Treatments on the Growth and Antioxidant System of and Under High Nitrogen Concentrations.. *Frontiers in Plant Science*, **2022**, 13, 851099	6.2	1

13	Arbuscular Mycorrhizal Fungi Contribute to Phosphorous Uptake and Allocation Strategies of in a Phosphorous-Deficient Environment.. *Frontiers in Plant Science*, **2022**, 13, 831654	6.2	1
12	Litter decomposition process dramatically declines the allelopathy of L. on the seed germination and seedling growth of L. *International Journal of Phytoremediation*, **2020**, 22, 1295-1303	3.9	0
11	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*, **2021**, 813, 152628	10.2	0
10	Transcriptome profiling of Arabidopsis thaliana roots in response to allelopathic effects of Conyza canadensis. *Ecotoxicology*, **2021**, 1	2.9	0
9	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	2.9	0
8	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	2.7	0
7	Reproductive allocation of Solidago canadensis L. plays a key role in its invasiveness across a gradient of invasion degrees. *Population Ecology*, **2021**, 63, 290	2.1	0
6	A sensitive chemiluminescence immunoassay based on immunomagnetic beads for quantitative detection of zearalenone. *European Food Research and Technology*, **2021**, 247, 2171-2181	3.4	0
5	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	1.7	0
4	Invasive Alternanthera philoxeroides has performance advantages over natives under flooding with high amount of nitrogen. *Aquatic Ecology*,1	1.9	0
3	Growth prediction of Alternanthera philoxeroides under salt stress by application of artificial neural networking. *Plant Biosystems*, **2020**, 1-7	1.6	
2	Particle size rather than concentration of silver nanoparticles mainly affects soil N2-fixing bacterial communities. *International Journal of Environmental Science and Technology*,1	3.3	
1	Response to "Refer to the investigation of toxic elements in Carassius gibelio and Sinanodonta woodiana and its health risk to humans by Arumugam et al. (2020)" by Fakhri and Mousavi Khaneghah (2020) : Fakhri, Y., Mousavi Khaneghah, A. Refer to the investigation of toxic elements in Carassius gibelio and Sinanodonta woodiana and its health risk to humans by Arumugam et al. (2020). Environ Sci Pollut Res 27, 30901-30902 (2020). *Environmental Science and Pollution Research*, **2021**, 28, 4883-4884	5.1	