

Baodong Chen

List of Publications by Year in descending order

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Version: 2024-02-01

126
papers

6,376
citations

50244

46
h-index

76872

74
g-index

131
all docs

131
docs citations

131
times ranked

6007
citing authors

#	ARTICLE	IF	CITATIONS
1	Community response of arbuscular mycorrhizal fungi to extreme drought in a cold-temperate grassland. <i>New Phytologist</i> , 2022, 234, 2003-2017.	3.5	35
2	The toxicity of hexavalent chromium to soil microbial processes concerning soil properties and aging time. <i>Environmental Research</i> , 2022, 204, 111941.	3.7	19
3	Structure and diversity of fungal communities in long-term copper-contaminated agricultural soil. <i>Science of the Total Environment</i> , 2022, 806, 151302.	3.9	20
4	Ozone does not diminish the beneficial effects of arbuscular mycorrhizas on <i>Medicago sativa</i> L. in a low phosphorus soil. <i>Mycorrhiza</i> , 2022, 32, 33-43.	1.3	6
5	Arbuscular Mycorrhizal Fungi Induced Plant Resistance against Fusarium Wilt in Jasmonate Biosynthesis Defective Mutant and Wild Type of Tomato. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 422.	1.5	17
6	Contrasting community responses of root and soil dwelling fungi to extreme drought in a temperate grassland. <i>Soil Biology and Biochemistry</i> , 2022, 169, 108670.	4.2	11
7	Long-term nickel contamination increased soil fungal diversity and altered fungal community structure and co-occurrence patterns in agricultural soils. <i>Journal of Hazardous Materials</i> , 2022, 436, 129113.	6.5	19
8	Increased Carbon Partitioning to Secondary Metabolites Under Phosphorus Deficiency in <i>Glycyrrhiza uralensis</i> Fisch. Is Modulated by Plant Growth Stage and Arbuscular Mycorrhizal Symbiosis. <i>Frontiers in Plant Science</i> , 2022, 13, .	1.7	6
9	Mycorrhiza and Iron Tailings Synergistically Enhance Maize Resistance to Arsenic on Medium Arsenic-Polluted Soils Through Increasing Phosphorus and Iron Uptake. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 107, 1155-1160.	1.3	5
10	Arsenic transformation and volatilization by arbuscular mycorrhizal symbiosis under axenic conditions. <i>Journal of Hazardous Materials</i> , 2021, 413, 125390.	6.5	14
11	Soil N ₂ O emissions are more sensitive to phosphorus addition and plant presence than to nitrogen addition and arbuscular mycorrhizal fungal inoculation. <i>Rhizosphere</i> , 2021, 19, 100414.	1.4	8
12	Soil organic carbon and total nitrogen predict large-scale distribution of soil fungal communities in temperate and alpine shrub ecosystems. <i>European Journal of Soil Biology</i> , 2021, 102, 103270.	1.4	10
13	Relationship between soil chemical properties and microbial metabolic patterns in intensive greenhouse tomato production systems. <i>Archives of Agronomy and Soil Science</i> , 2020, 66, 1334-1343.	1.3	8
14	Arbuscular Mycorrhizal Fungi Can Compensate for the Loss of Indigenous Microbial Communities to Support the Growth of Liquorice (<i>Glycyrrhiza uralensis</i> Fisch.). <i>Plants</i> , 2020, 9, 7.	1.6	18
15	Arbuscular mycorrhiza improved drought tolerance of maize seedlings by altering photosystem II efficiency and the levels of key metabolites. <i>Chemical and Biological Technologies in Agriculture</i> , 2020, 7, .	1.9	25
16	Nitrogen and water addition regulate soil fungal diversity and co-occurrence networks. <i>Journal of Soils and Sediments</i> , 2020, 20, 3192-3203.	1.5	18
17	Soil fungal community is more sensitive to nitrogen deposition than increased rainfall in a mixed deciduous forest of China. <i>Soil Ecology Letters</i> , 2020, 2, 20-32.	2.4	23
18	Effects of external Mn ²⁺ activities on OsNRAMP5 expression level and Cd accumulation in indica rice. <i>Environmental Pollution</i> , 2020, 260, 113941.	3.7	22

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19	Arbuscular mycorrhiza induced putrescine degradation into β -aminobutyric acid, malic acid accumulation, and improvement of nitrogen assimilation in roots of water-stressed maize plants. <i>Mycorrhiza</i> , 2020, 30, 329-339.	1.3	36
20	Biogeographical constraints in Glomeromycotinan distribution across forest habitats in China. <i>Journal of Ecology</i> , 2019, 107, 684-695.	1.9	10
21	Arbuscular mycorrhiza and plant chromium tolerance. <i>Soil Ecology Letters</i> , 2019, 1, 94-104.	2.4	35
22	Arbuscular Mycorrhizal Fungus Improves Rhizobium-Glycyrrhiza Seedling Symbiosis under Drought Stress. <i>Agronomy</i> , 2019, 9, 572.	1.3	28
23	Long-term nitrogen addition changes soil microbial community and litter decomposition rate in a subtropical forest. <i>Applied Soil Ecology</i> , 2019, 142, 43-51.	2.1	52
24	Arbuscular Mycorrhizal Symbiosis Affects Plant Immunity to Viral Infection and Accumulation. <i>Viruses</i> , 2019, 11, 534.	1.5	38
25	Latitudinal constraints in responsiveness of plants to arbuscular mycorrhiza: the "sun-worshipper" hypothesis. <i>New Phytologist</i> , 2019, 224, 552-556.	3.5	12
26	Complex regulatory network allows <i>Myriophyllum aquaticum</i> to thrive under high-concentration ammonia toxicity. <i>Scientific Reports</i> , 2019, 9, 4801.	1.6	11
27	Contrasting latitudinal diversity and co-occurrence patterns of soil fungi and plants in forest ecosystems. <i>Soil Biology and Biochemistry</i> , 2019, 131, 100-110.	4.2	71
28	Improved phosphorus nutrition by arbuscular mycorrhizal symbiosis as a key factor facilitating glycyrrhizin and liquiritin accumulation in <i>Glycyrrhiza uralensis</i> . <i>Plant and Soil</i> , 2019, 439, 243-257.	1.8	35
29	Research progress in arbuscular mycorrhizal technology. <i>Chinese Journal of Applied Ecology</i> , 2019, 30, 1035-1046.	0.4	1
30	Arbuscular mycorrhiza facilitates the accumulation of glycyrrhizin and liquiritin in <i>Glycyrrhiza uralensis</i> under drought stress. <i>Mycorrhiza</i> , 2018, 28, 285-300.	1.3	104
31	Arbuscular mycorrhiza enhances drought tolerance of tomato plants by regulating the 14-3-3 genes in the ABA signaling pathway. <i>Applied Soil Ecology</i> , 2018, 125, 213-221.	2.1	59
32	Arbuscular mycorrhizal fungi alleviate arsenic toxicity to <i>Medicago sativa</i> by influencing arsenic speciation and partitioning. <i>Ecotoxicology and Environmental Safety</i> , 2018, 157, 235-243.	2.9	61
33	Soil pH and plant diversity shape soil bacterial community structure in the active layer across the latitudinal gradients in continuous permafrost region of Northeastern China. <i>Scientific Reports</i> , 2018, 8, 5619.	1.6	96
34	<i>Rhizophagus irregularis</i> influences As and P uptake by alfalfa and the neighboring non-host pepperweed growing in an As-contaminated soil. <i>Journal of Environmental Sciences</i> , 2018, 67, 36-44.	3.2	13
35	Mycorrhizal fungi show regular community compositions in natural ecosystems. <i>ISME Journal</i> , 2018, 12, 380-385.	4.4	18
36	Chromium detoxification in arbuscular mycorrhizal symbiosis mediated by sulfur uptake and metabolism. <i>Environmental and Experimental Botany</i> , 2018, 147, 43-52.	2.0	36

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37	Influences of Canopy Nitrogen and Water Addition on AM Fungal Biodiversity and Community Composition in a Mixed Deciduous Forest of China. <i>Frontiers in Plant Science</i> , 2018, 9, 1842.	1.7	26
38	Uptake and Intraradical Immobilization of Cadmium by Arbuscular Mycorrhizal Fungi as Revealed by a Stable Isotope Tracer and Synchrotron Radiation ^{137}Cs -X-Ray Fluorescence Analysis. <i>Microbes and Environments</i> , 2018, 33, 257-263.	0.7	56
39	Arbuscular mycorrhiza affects grapevine fanleaf virus transmission by the nematode vector <i>Xiphinema index</i> . <i>Applied Soil Ecology</i> , 2018, 129, 107-111.	2.1	20
40	A methyltransferase gene from arbuscular mycorrhizal fungi involved in arsenic methylation and volatilization. <i>Chemosphere</i> , 2018, 209, 392-400.	4.2	26
41	Transmembrane H ⁺ and Ca ²⁺ fluxes through extraradical hyphae of arbuscular mycorrhizal fungi in response to drought stress. <i>Chinese Journal of Plant Ecology</i> , 2018, 42, 764-773.	0.3	4
42	Advances in the biogeography of arbuscular mycorrhizal fungi. <i>Acta Ecologica Sinica</i> , 2018, 38, .	0.0	0
43	Biocontrol of grapevine aerial and root pathogens by <i>Paenibacillus</i> sp. strain B2 and paenimyxin in vitro and in planta. <i>Biological Control</i> , 2017, 109, 42-50.	1.4	20
44	Plant diversity represents the prevalent determinant of soil fungal community structure across temperate grasslands in northern China. <i>Soil Biology and Biochemistry</i> , 2017, 110, 12-21.	4.2	202
45	Priorities for research in soil ecology. <i>Pedobiologia</i> , 2017, 63, 1-7.	0.5	64
46	Shifts in microbial trophic strategy explain different temperature sensitivity of CO ₂ flux under constant and diurnally varying temperature regimes. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	1.3	38
47	Q10 values vary with different kinetic properties of C mineralization. <i>Pedobiologia</i> , 2017, 63, 8-13.	0.5	0
48	Nitrogen deposition and precipitation induced phylogenetic clustering of arbuscular mycorrhizal fungal communities. <i>Soil Biology and Biochemistry</i> , 2017, 115, 233-242.	4.2	87
49	Structural features of the aromatic/arginine constriction in the aquaglyceroporin GintAQP2 are responsible for glycerol impermeability in arbuscular mycorrhizal symbiosis. <i>Fungal Biology</i> , 2017, 121, 95-102.	1.1	4
50	Arbuscular mycorrhiza improves plant adaptation to phosphorus deficiency through regulating the expression of genes relevant to carbon and phosphorus metabolism. <i>Chinese Journal of Plant Ecology</i> , 2017, 41, 815-825.	0.3	3
51	Ecological distribution of arbuscular mycorrhizal fungi and the influencing factors. <i>Acta Ecologica Sinica</i> , 2017, 37, .	0.0	0
52	Coupling of soil prokaryotic diversity and plant diversity across latitudinal forest ecosystems. <i>Scientific Reports</i> , 2016, 6, 19561.	1.6	50
53	Plant community, geographic distance and abiotic factors play different roles in predicting AMF biogeography at the regional scale in northern China. <i>Environmental Microbiology</i> , 2016, 8, 1048.	1.8	1
54	Relative Importance of Individual Climatic Drivers Shaping Arbuscular Mycorrhizal Fungal Communities. <i>Microbial Ecology</i> , 2016, 72, 418-427.	1.4	20

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55	Water management, rice varieties and mycorrhizal inoculation influence arsenic concentration and speciation in rice grains. <i>Mycorrhiza</i> , 2016, 26, 299-309.	1.3	19
56	Chromium immobilization by extra- and intraradical fungal structures of arbuscular mycorrhizal symbioses. <i>Journal of Hazardous Materials</i> , 2016, 316, 34-42.	6.5	68
57	Plant community, geographic distance and abiotic factors play different roles in predicting AMF biogeography at the regional scale in northern China. <i>Environmental Microbiology Reports</i> , 2016, 8, 1048-1057.	1.0	66
58	The interplay between soil structure, roots, and microbiota as a determinant of plant-soil feedback. <i>Ecology and Evolution</i> , 2016, 6, 7633-7644.	0.8	46
59	Comparison on the structure and function of the rhizosphere microbial community between healthy and root-rot <i>Panax notoginseng</i> . <i>Applied Soil Ecology</i> , 2016, 107, 99-107.	2.1	68
60	Potential role of D-myo-inositol-3-phosphate synthase and 14-3-3 genes in the crosstalk between <i>Zea mays</i> and <i>Rhizophagus intraradices</i> under drought stress. <i>Mycorrhiza</i> , 2016, 26, 879-893.	1.3	49
61	The molecular diversity of arbuscular mycorrhizal fungi in the arsenic mining impacted sites in Hunan Province of China. <i>Journal of Environmental Sciences</i> , 2016, 39, 110-118.	3.2	40
62	Specificity and selectivity of arbuscular mycorrhizal fungal polymerase chain reaction primers in soil samples by clone library analyses. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2016, 66, 333-339.	0.3	3
63	Chromium immobilization by extraradical mycelium of arbuscular mycorrhiza contributes to plant chromium tolerance. <i>Environmental and Experimental Botany</i> , 2016, 122, 10-18.	2.0	68
64	Study on the arsenic accumulation and speciation of arbuscular mycorrhizal symbiont under arsenic contamination. <i>Arsenic in the Environment Proceedings</i> , 2016, , 109-110.	0.0	0
65	Mycorrhizal effects on growth, P uptake and Cd tolerance of the host plant vary among different AM fungal species. <i>Soil Science and Plant Nutrition</i> , 2015, 61, 359-368.	0.8	44
66	Arbuscular mycorrhizal symbiosis influences arsenic accumulation and speciation in <i>Medicago truncatula</i> L. in arsenic-contaminated soil. <i>Chemosphere</i> , 2015, 119, 224-230.	4.2	60
67	Arbuscular mycorrhizal symbiosis can mitigate the negative effects of night warming on physiological traits of <i>Medicago truncatula</i> L. <i>Mycorrhiza</i> , 2015, 25, 131-142.	1.3	21
68	Cr Stable Isotope Fractionation in Arbuscular Mycorrhizal Dandelion and Cr Uptake by Extraradical Mycelium. <i>Pedosphere</i> , 2015, 25, 186-191.	2.1	11
69	Branching out: Towards a trait-based understanding of fungal ecology. <i>Fungal Biology Reviews</i> , 2015, 29, 34-41.	1.9	118
70	Mycorrhizal fungi associated with high soil N:P ratios are more likely to be lost upon conversion from grasslands to arable agriculture. <i>Soil Biology and Biochemistry</i> , 2015, 86, 1-4.	4.2	37
71	Molecular characterization of microbial communities in the rhizosphere soils and roots of diseased and healthy <i>Panax notoginseng</i> . <i>Antonie Van Leeuwenhoek</i> , 2015, 108, 1059-1074.	0.7	53
72	Transformation and Immobilization of Chromium by Arbuscular Mycorrhizal Fungi as Revealed by SEM-EDS, TEM-EDS, and XAFS. <i>Environmental Science & Technology</i> , 2015, 49, 14036-14047.	4.6	81

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73	Soil pollution and soil organisms: an overview of research progress and perspectives. <i>Acta Ecologica Sinica</i> , 2015, 35, .	0.0	1
74	Land use influences arbuscular mycorrhizal fungal communities in the farmingâ€‘pastoral ecotone of northern China. <i>New Phytologist</i> , 2014, 204, 968-978.	3.5	157
75	Chromium resistance of dandelion (<i>Taraxacum platyepidum</i> Diels.) and bermudagrass (<i>Cynodon dactylon</i> [Linn.] Pers.) is enhanced by arbuscular mycorrhiza in Cr(VI)-contaminated soils. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 2105-2113.	2.2	31
76	Six-year fertilization modifies the biodiversity of arbuscular mycorrhizal fungi in a temperate steppe in Inner Mongolia. <i>Soil Biology and Biochemistry</i> , 2014, 69, 371-381.	4.2	109
77	Relative importance of an arbuscular mycorrhizal fungus (<i>Rhizophagus intraradices</i>) and root hairs in plant drought tolerance. <i>Mycorrhiza</i> , 2014, 24, 595-602.	1.3	113
78	Soil organic carbon and soil structure are driving microbial abundance and community composition across the arid and semi-arid grasslands in northern China. <i>Soil Biology and Biochemistry</i> , 2014, 77, 51-57.	4.2	158
79	Mineral weathering and element cycling in soil-microorganism-plant system. <i>Science China Earth Sciences</i> , 2014, 57, 888-896.	2.3	40
80	Growth and metal uptake of energy sugarcane (<i>Saccharum</i> spp.) in different metal mine tailings with soil amendments. <i>Journal of Environmental Sciences</i> , 2014, 26, 1080-1089.	3.2	20
81	Abundance and community structure of ammonia-oxidizing <i>Archaea</i> and <i>Bacteria</i> in response to fertilization and mowing in a temperate steppe in Inner Mongolia. <i>FEMS Microbiology Ecology</i> , 2014, 89, 67-79.	1.3	61
82	Cellular Imaging of Cadmium in Resin Sections of Arbuscular Mycorrhizas Using Synchrotron Micro X-ray Fluorescence. <i>Microbes and Environments</i> , 2014, 29, 60-66.	0.7	71
83	The role of arbuscular mycorrhizal fungi in soil nitrogen cycling. <i>Acta Ecologica Sinica</i> , 2014, 34, .	0.0	0
84	Direct and indirect influence of arbuscular mycorrhizal fungi on abundance and community structure of ammonia oxidizing bacteria and archaea in soil microcosms. <i>Pedobiologia</i> , 2013, 56, 205-212.	0.5	27
85	First cloning and characterization of two functional aquaporin genes from an arbuscular mycorrhizal fungus <i>Glomus intraradices</i> . <i>New Phytologist</i> , 2013, 197, 617-630.	3.5	207
86	Arbuscular mycorrhizal symbiosis and active ingredients of medicinal plants: current research status and prospectives. <i>Mycorrhiza</i> , 2013, 23, 253-265.	1.3	118
87	Responses of ammonia-oxidizing bacteria and archaea to nitrogen fertilization and precipitation increment in a typical temperate steppe in Inner Mongolia. <i>Applied Soil Ecology</i> , 2013, 68, 36-45.	2.1	116
88	Aquaporin genes <i>GintAQPF1</i> and <i>GintAQPF2</i> from <i>Glomus intraradices</i> contribute to plant drought tolerance. <i>Plant Signaling and Behavior</i> , 2013, 8, e24030.	1.2	50
89	Arbuscular Mycorrhizal Symbiosis for Sustainable Cultivation of Chinese Medicinal Plants: A Promising Research Direction. <i>The American Journal of Chinese Medicine</i> , 2013, 41, 1199-1221.	1.5	8
90	Changes of AM Fungal Abundance along Environmental Gradients in the Arid and Semi-Arid Grasslands of Northern China. <i>PLoS ONE</i> , 2013, 8, e57593.	1.1	29

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91	Influences of long-term enclosure on the restoration of plant and AM fungal communities on grassland under different grazing intensities. <i>Acta Ecologica Sinica</i> , 2013, 33, 3383-3393.	0.0	2
92	Influences of AM fungi on plant growth and water-stable soil aggregates under drought stresses. <i>Acta Ecologica Sinica</i> , 2013, 33, 1080-1090.	0.0	4
93	Effects of indigenous AM fungi and neighboring plants on the growth and phosphorus nutrition of <i>Leymus chinensis</i> . <i>Acta Ecologica Sinica</i> , 2013, 33, 1071-1079.	0.0	1
94	Phytochelatin play a key role in arsenic accumulation and tolerance in the aquatic macrophyte <i>Wolffia globosa</i> . <i>Environmental Pollution</i> , 2012, 165, 18-24.	3.7	47
95	Arbuscular mycorrhiza and soil nitrogen cycling. <i>Soil Biology and Biochemistry</i> , 2012, 46, 53-62.	4.2	280
96	Molecular basis for enhancement of plant drought tolerance by arbuscular mycorrhizal symbiosis: a mini-review. <i>Acta Ecologica Sinica</i> , 2012, 32, 7169-7176.	0.0	0
97	Arsenic uptake, accumulation and phytofiltration by duckweed (<i>Spirodela polyrhiza</i> L.). <i>Journal of Environmental Sciences</i> , 2011, 23, 601-606.	3.2	35
98	Chapter 8 Principles and Technologies for Remediation of Uranium-Contaminated Environments. <i>Radioactivity in the Environment</i> , 2009, 14, 357-374.	0.2	5
99	Arbuscular mycorrhizas contribute to phytostabilization of uranium in uranium mining tailings. <i>Journal of Environmental Radioactivity</i> , 2008, 99, 801-810.	0.9	38
100	Role and influence of mycorrhizal fungi on radiocesium accumulation by plants. <i>Journal of Environmental Radioactivity</i> , 2008, 99, 785-800.	0.9	48
101	Impact of arbuscular mycorrhizal fungi on uranium accumulation by plants. <i>Journal of Environmental Radioactivity</i> , 2008, 99, 775-784.	0.9	29
102	Plant growth and soil microbial community structure of legumes and grasses grown in monoculture or mixture. <i>Journal of Environmental Sciences</i> , 2008, 20, 1231-1237.	3.2	40
103	Arbuscular mycorrhiza enhanced arsenic resistance of both white clover (<i>Trifolium repens</i> Linn.) and ryegrass (<i>Lolium perenne</i> L.) plants in an arsenic-contaminated soil. <i>Environmental Pollution</i> , 2008, 155, 174-181.	3.7	117
104	Influences of polycyclic aromatic hydrocarbons (PAHs) on soil microbial community composition with or without Vegetation. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2007, 42, 65-72.	0.9	19
105	Effects of soil moisture and plant interactions on the soil microbial community structure. <i>European Journal of Soil Biology</i> , 2007, 43, 31-38.	1.4	103
106	Effects of the arbuscular mycorrhizal fungus <i>Glomus mosseae</i> on growth and metal uptake by four plant species in copper mine tailings. <i>Environmental Pollution</i> , 2007, 147, 374-380.	3.7	158
107	Effect of arbuscular mycorrhizal fungus (<i>Glomus caledonium</i>) on the accumulation and metabolism of atrazine in maize (<i>Zea mays</i> L.) and atrazine dissipation in soil. <i>Environmental Pollution</i> , 2007, 146, 452-457.	3.7	70
108	The arbuscular mycorrhizal fungus <i>Glomus mosseae</i> gives contradictory effects on phosphorus and arsenic acquisition by <i>Medicago sativa</i> Linn. <i>Science of the Total Environment</i> , 2007, 379, 226-234.	3.9	138

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109	Arsenic uptake by arbuscular mycorrhizal maize (<i>Zea mays</i> L.) grown in an arsenic-contaminated soil with added phosphorus. <i>Journal of Environmental Sciences</i> , 2007, 19, 1245-1251.	3.2	48
110	Uptake of Atrazine and Cadmium from Soil by Maize (<i>Zea mays</i> L.) in Association with the Arbuscular Mycorrhizal Fungus <i>Glomus etunicatum</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 9377-9382.	2.4	26
111	Effects of arbuscular mycorrhizal inoculation on uranium and arsenic accumulation by Chinese brake fern (<i>Pteris vittata</i> L.) from a uranium mining-impacted soil. <i>Chemosphere</i> , 2006, 62, 1464-1473.	4.2	78
112	Arbuscular mycorrhizal fungi can alleviate the adverse effects of chlorothalonil on <i>Oryza sativa</i> L.. <i>Chemosphere</i> , 2006, 64, 1627-1632.	4.2	23
113	Humic Acids Increase the Phytoavailability of Cd and Pb to Wheat Plants Cultivated in Freshly Spiked, Contaminated Soil (7 pp). <i>Journal of Soils and Sediments</i> , 2006, 6, 236-242.	1.5	72
114	The Influence of Mycorrhiza on Uranium and Phosphorus Uptake by Barley Plants from a Field-contaminated Soil (7 pp). <i>Environmental Science and Pollution Research</i> , 2005, 12, 325-331.	2.7	36
115	Mycorrhiza and root hairs in barley enhance acquisition of phosphorus and uranium from phosphate rock but mycorrhiza decreases root to shoot uranium transfer. <i>New Phytologist</i> , 2005, 165, 591-598.	3.5	82
116	Contrasting phosphate acquisition of mycorrhizal fungi with that of root hairs using the root hairless barley mutant. <i>Plant, Cell and Environment</i> , 2005, 28, 928-938.	2.8	90
117	Influence of the arbuscular mycorrhizal fungus <i>Glomus mosseae</i> on uptake of arsenate by the As hyperaccumulator fern <i>Pteris vittata</i> L.. <i>Mycorrhiza</i> , 2005, 15, 187-192.	1.3	127
118	Metal concentrations and mycorrhizal status of plants colonizing copper mine tailings: potential for revegetation. <i>Science in China Series C: Life Sciences</i> , 2005, 48, 156-164.	1.3	30
119	Arbuscular Mycorrhizal Fungi Contribute to Resistance of Upland Rice to Combined Metal Contamination of Soil. <i>Journal of Plant Nutrition</i> , 2005, 28, 2065-2077.	0.9	81
120	Effects of the mycorrhizal fungus <i>Glomus intraradices</i> on uranium uptake and accumulation by <i>Medicago truncatula</i> L. from uranium-contaminated soil. <i>Plant and Soil</i> , 2005, 275, 349-359.	1.8	37
121	Yield and arsenate uptake of arbuscular mycorrhizal tomato colonized by <i>Glomus mosseae</i> BEG167 in As spiked soil under glasshouse conditions. <i>Environment International</i> , 2005, 31, 867-873.	4.8	62
122	Effects of EDTA application and arbuscular mycorrhizal colonization on growth and zinc uptake by maize (<i>Zea mays</i> L.) in soil experimentally contaminated with zinc. <i>Plant and Soil</i> , 2004, 261, 219-229.	1.8	88
123	Arbuscular mycorrhiza can depress translocation of zinc to shoots of host plants in soils moderately polluted with zinc. <i>Plant and Soil</i> , 2004, 261, 209-217.	1.8	198
124	Uptake of cadmium from an experimentally contaminated calcareous soil by arbuscular mycorrhizal maize (<i>Zea mays</i> L.). <i>Mycorrhiza</i> , 2004, 14, 347-354.	1.3	66
125	The role of arbuscular mycorrhiza in zinc uptake by red clover growing in a calcareous soil spiked with various quantities of zinc. <i>Chemosphere</i> , 2003, 50, 839-846.	4.2	183
126	A modified glass bead compartment cultivation system for studies on nutrient and trace metal uptake by arbuscular mycorrhiza. <i>Chemosphere</i> , 2001, 42, 185-192.	4.2	92