Peter SchrÃ¶der

List of Publications by Year
in descending order

149	7,053	53660	66788
papers	citations	45 h-index	78 g-index

151	151	151	7614
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Relaunch cropping on marginal soils by incorporating amendments and beneficial trace elements in an interdisciplinary approach. Science of the Total Environment, 2022, 803, 149844.	3.9	6
2	The changes in Lemna minor metabolomic profile: A response to diclofenac incubation. Chemosphere, 2022, 287, 132078.	4.2	9
3	Removal of tramadol from water using Typha angustifolia and Hordeum vulgare as biological models: Possible interaction with other pollutants in short-term uptake experiments. Science of the Total Environment, 2022, 809, 151164.	3.9	3
4	Fate and impact of wastewater-borne micropollutants in lettuce and the root-associated bacteria. Science of the Total Environment, 2022, 831, 154674.	3.9	15
5	Effect of the pharmaceuticals diclofenac and lamotrigine on stress responses and stress gene expression in lettuce (Lactuca sativa) at environmentally relevant concentrations. Journal of Hazardous Materials, 2021, 403, 123881.	6.5	12
6	Impact of high carbon amendments and pre-crops on soil bacterial communities. Biology and Fertility of Soils, 2021, 57, 305-317.	2.3	4
7	Post-reclamation microbial diversity and functions in hexachlorocyclohexane (HCH) contaminated soil in relation to spontaneous HCH tolerant vegetation. Science of the Total Environment, 2021, 767, 144653.	3.9	16
8	Cell Walls Are Remodeled to Alleviate nY₂O₃ Cytotoxicity by Elaborate Regulation of de Novo Synthesis and Vesicular Transport. ACS Nano, 2021, 15, 13166-13177.	7.3	13
9	Untargeted Metabolomics Studies on Drug-Incubated Phragmites australis Profiles. Metabolites, 2021, 11, 2.	1.3	10
10	Untargeted Analysis of Lemna minor Metabolites: Workflow and Prioritization Strategy Comparing Highly Confident Features between Different Mass Spectrometers. Metabolites, 2021, 11, 832.	1.3	5
11	Changes induced by heavy metals in the plant-associated microbiome of Miscanthus x giganteus. Science of the Total Environment, 2020, 711, 134433.	3.9	56
12	Development of microbial communities in organochlorine pesticide contaminated soil: A post-reclamation perspective. Applied Soil Ecology, 2020, 150, 103467.	2.1	20
13	Under temperate climate, the conversion of grassland to arable land affects soil nutrient stocks and bacteria in a short term. Science of the Total Environment, 2020, 703, 135494.	3.9	13
14	52Âyears of ecological restoration following a major disturbance by opencast lignite mining does not reassemble microbiome structures of the original arable soils. Science of the Total Environment, 2020, 745, 140955.	3.9	13
15	Definition of Core Bacterial Taxa in Different Root Compartments of Dactylis glomerata, Grown in Soil under Different Levels of Land Use Intensity. Diversity, 2020, 12, 392.	0.7	7
16	Changes of soil-rhizosphere microbiota after organic amendment application in a Hordeum vulgare L. short-term greenhouse experiment. Plant and Soil, 2020, 455, 489-506.	1.8	17
17	Response of Barley Plants to Drought Might Be Associated with the Recruiting of Soil-Borne Endophytes. Microorganisms, 2020, 8, 1414.	1.6	11
18	Uptake and Translocation of Pharmaceuticals in Plants: Principles and Data Analysis. Handbook of Environmental Chemistry, 2020, , 103-140.	0.2	7

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19	Lemna minor studies under various storage periods using extended-polarity extraction and metabolite non-target screening analysis. Journal of Pharmaceutical and Biomedical Analysis, 2020, 188, 113362.	1.4	5
20	Enrichment of endophytic Actinobacteria in roots and rhizomes of Miscanthus Ã— giganteus plants exposed to diclofenac and sulfamethoxazole. Environmental Science and Pollution Research, 2020, 27, 11892-11904.	2.7	27
21	Co-inoculation effect of Rhizobium and Achillea millefolium L. oil extracts on growth of common bean (Phaseolus vulgaris L.) and soil microbial-chemical properties. Scientific Reports, 2019, 9, 15178.	1.6	166
22	Discussion paper: Sustainable increase of crop production through improved technical strategies, breeding and adapted management â€“ A European perspective. Science of the Total Environment, 2019, 678, 146-161.	3.9	24
23	Editorial: Options for Transition of Land Towards Intensive and Sustainable Agricultural Systems. Frontiers in Plant Science, 2019, 10, 346.	1.7	1
24	Reduced microbial potential for the degradation of phenolic compounds in the rhizosphere of apple plantlets grown in soils affected by replant disease. Environmental Microbiomes, 2019, 14, 8.	2.2	22
25	Editorial: Plant Glutathione Transferases: Diverse, Multi-Tasking Enzymes With Yet-to-Be Discovered Functions. Frontiers in Plant Science, 2019, 10, 1304.	1.7	11
26	Opinion paper about organic trace pollutants in wastewater: Toxicity assessment in a European perspective. Science of the Total Environment, 2019, 651, 3202-3221.	3.9	57
27	Poplar and diclofenac pollution: A focus on physiology, oxidative stress and uptake in plant organs. Science of the Total Environment, 2018, 636, 944-952.	3.9	36
28	Concentration effects of the UV filter oxybenzone in Cyperus alternifolius: assessment of tolerance by stress-related response. Environmental Science and Pollution Research, 2018, 25, 16080-16090.	2.7	9
29	Organic Amendments in a Long-term Field Trialâ€”Consequences for the Bulk Soil Bacterial Community as Revealed by Network Analysis. Microbial Ecology, 2018, 76, 226-239.	1.4	51
30	Intensify production, transform biomass to energy and novel goods and protect soils in Europeâ€”A vision how to mobilize marginal lands. Science of the Total Environment, 2018, 616-617, 1101-1123.	3.9	93
31	Metabolism of carbamazepine in plant roots and endophytic rhizobacteria isolated from Phragmites australis. Journal of Hazardous Materials, 2018, 342, 85-95.	6.5	81
32	Glutathione S-Transferase Enzymes in Plant-Pathogen Interactions. Frontiers in Plant Science, 2018, 9, 1836.	1.7	291
33	HCH phytoremediation potential of native plant species from a contaminated urban site in Turda, Romania. Journal of Environmental Management, 2018, 223, 286-296.	3.8	27
34	Potential of Wheat Straw, Spruce Sawdust, and Lignin as High Organic Carbon Soil Amendments to Improve Agricultural Nitrogen Retention Capacity: An Incubation Study. Frontiers in Plant Science, 2018, 9, 900.	1.7	64
35	Fate of the sunscreen compound oxybenzone in Cyperus alternifolius based hydroponic culture: Uptake, biotransformation and phytotoxicity. Chemosphere, 2017, 182, 638-646.	4.2	48
36	Metabolism of Ibuprofen by Phragmites australis: Uptake and Phytodegradation. Environmental Science & Technology, 2017, 51, 4576-4584.	4.6	149

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37	Iopromide exposure in Typha latifolia L.: Evaluation of uptake, translocation and different transformation mechanisms in planta. Water Research, 2017, 122, 290-298.	5.3	21
38	The potential implications of reclaimed wastewater reuse for irrigation on the agricultural environment: The knowns and unknowns of the fate of antibiotics and antibiotic resistant bacteriaÂand resistance genes â€“ A review. Water Research, 2017, 123, 448-467.	5.3	400
39	The Influence of Land Use Intensity on the Plant-Associated Microbiome of Dactylis glomerata L.. Frontiers in Plant Science, 2017, 8, 930.	1.7	57
40	Dominant Groups of Potentially Active Bacteria Shared by Barley Seeds become Less Abundant in Root Associated Microbiome. Frontiers in Plant Science, 2017, 8, 1005.	1.7	70
41	Molecular and Cellular Aspects of Contaminant Toxicity in Plants. Advances in Botanical Research, 2017, , 223-276.	0.5	19
42	Sexual Dimorphism in the Response of Mercurialis annua to Stress. Metabolites, 2016, 6, 13.	1.3	8
43	Status of hormones and painkillers in wastewater effluents across several European statesâ€”considerations for the EU watch list concerning estradiols and diclofenac. Environmental Science and Pollution Research, 2016, 23, 12835-12866.	2.7	141
44	Microbial homoserine lactones (AHLs) are effectors of root morphological changes in barley. Plant Science, 2016, 253, 130-140.	1.7	32
45	Emerging pollutants and plants â€“ Metabolic activation of diclofenac by peroxidases. Chemosphere, 2016, 146, 435-441.	4.2	56
46	Uptake, translocation and possible biodegradation of the antidiabetic agent metformin by hydroponically grown Typha latifolia. Journal of Hazardous Materials, 2016, 308, 355-361.	6.5	49
47	Metabolism of oxybenzone in a hairy root culture: Perspectives for phytoremediation of a widely used sunscreen agent. Journal of Hazardous Materials, 2016, 306, 230-236.	6.5	40
48	Nitro-oxidative stress contributes to selenite toxicity in pea (Pisum sativum L). Plant and Soil, 2016, 400, 107-122.	1.8	44
49	Comparative study on the impact of copper sulphate and copper nitrate on the detoxification mechanisms in Typha latifolia. Environmental Science and Pollution Research, 2015, 22, 657-666.	2.7	8
50	Short term uptake and transport process for metformin in roots of Phragmites australis and Typha latifolia. Chemosphere, 2015, 134, 307-312.	4.2	37
51	Uptake of carbamazepine by rhizomes and endophytic bacteria of Phragmites australis. Frontiers in Plant Science, 2015, 6, 83.	1.7	47
52	Selenium species in the roots and shoots of chickpea plants treated with different concentrations of sodium selenite. Environmental Science and Pollution Research, 2015, 22, 16978-16986.	2.7	11
53	Influence of bacterial N-acyl-homoserine lactones on growth parameters, pigments, antioxidative capacities and the xenobiotic phase II detoxification enzymes in barley and yam bean. Frontiers in Plant Science, 2015, 6, 205.	1.7	41
54	The enzymatic and antioxidative stress response of Lemna minor to copper and a chloroacetamide herbicide. Environmental Science and Pollution Research, 2015, 22, 18495-18507.	2.7	28

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55	Bacterial quorum sensing compounds are important modulators of microbe-plant interactions. Frontiers in Plant Science, 2014, 5, 131.	1.7	153
56	Enzymes of the glutathioneâ€“ascorbate cycle in leaves and roots of rhizobia-inoculated faba bean plants (Vicia faba L.) under salinity stress. European Journal of Soil Biology, 2014, 60, 98-103.	1.4	17
57	<scp>N</scp>â€acylâ€homoserine lactone uptake and systemic transport in barley rest upon active parts of the plant. New Phytologist, 2014, 201, 545-555.	3.5	44
58	Identification of Plant Metabolites of Environmental Contaminants by UPLC-QToF-MS: The in Vitro Metabolism of Triclosan in Horseradish. Journal of Agricultural and Food Chemistry, 2014, 62, 1001-1009.	2.4	49
59	Uptake and metabolism of diclofenac in Typha latifolia â€“ How plants cope with human pharmaceutical pollution. Plant Science, 2014, 227, 12-20.	1.7	132
60	Why air quality in the Alps remains a matter of concern. The impact of organic pollutants in the alpine area. Environmental Science and Pollution Research, 2014, 21, 252-267.	2.7	8
61	Root exudation pattern of Typha latifolia L. plants after copper exposure. Plant and Soil, 2013, 370, 187-195.	1.8	33
62	The fate of arsenic, cadmium and lead in Typha latifolia: A case study on the applicability of micro-PIXE in plant ionomics. Journal of Hazardous Materials, 2013, 248-249, 371-378.	6.5	50
63	Response of phase II detoxification enzymes in Phragmites australis plants exposed to organochlorines. Environmental Science and Pollution Research, 2013, 20, 3464-3471.	2.7	27
64	Localization and quantification of Pb and nutrients in Typha latifolia by micro-PIXE. Metallomics, 2012, 4, 333.	1.0	37
65	Metabolism of diclofenac in plants â€“ Hydroxylation is followed by glucose conjugation. Journal of Hazardous Materials, 2012, 243, 250-256.	6.5	130
66	Metal accumulation and response of antioxidant enzymes in seedlings and adult sunflower mutants with improved metal removal traits on a metal-contaminated soil. Environmental and Experimental Botany, 2012, 76, 39-48.	2.0	57
67	Haloorganics in Temperate Forest Ecosystems: Sources, Transport and Degradation. Plant Ecophysiology, 2011, , 17-45.	1.5	0
68	Organic Xenobiotics and Plants. Plant Ecophysiology, 2011, , .	1.5	10
69	Plants for waste water treatment â€“ Effects of heavy metals on the detoxification system of Typha latifolia. Bioresource Technology, 2011, 102, 996-1004.	4.8	43
70	Enzymatic basis for fungicide removal by Elodea canadensis. Environmental Science and Pollution Research, 2011, 18, 1015-1021.	2.7	11
71	Trichloroacetic Acid in the Forest Ecosystem. Plant Ecophysiology, 2011, , 87-103.	1.5	0
72	Effects of acetaminophen in Brassica juncea L. Czern.: investigation of uptake, translocation, detoxification, and the induced defense pathways. Environmental Science and Pollution Research, 2010, 17, 1553-1562.	2.7	93

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73	Arbuscular mycorrhizal association is beneficial for growth and detoxification of xenobiotics of barley under drought stress. Journal of Soils and Sediments, 2010, 10, 54-64.	1.5	44
74	Successes and limitations of phytotechnologies at field scale: outcomes, assessment and outlook from COST Action 859. Journal of Soils and Sediments, 2010, 10, 1039-1070.	1.5	345
75	Uptake and Effect of Heavy Metals on the Plant Detoxification Cascade in the Presence and Absence of Organic Pollutants. Soil Biology, 2010, , 65-85.	0.6	6
76	Dualities in plant tolerance to pollutants and their uptake and translocation to the upper plant parts. Environmental and Experimental Botany, 2009, 67, 10-22.	2.0	153
77	Implications of metal accumulation mechanisms to phytoremediation. Environmental Science and Pollution Research, 2009, 16, 162-175.	2.7	320
78	The formation and fate of chlorinated organic substances in temperate and boreal forest soils. Environmental Science and Pollution Research, 2009, 16, 127-143.	2.7	42
79	Metabolism of acetaminophen (paracetamol) in plantsâ€"two independent pathways result in the formation of a glutathione and a glucose conjugate. Environmental Science and Pollution Research, 2009, 16, 206-13.	2.7	111
80	Do heavy metals and metalloids influence the detoxification of organic xenobiotics in plants?. Environmental Science and Pollution Research, 2009, 16, 795-804.	2.7	48
81	Response of antioxidant enzymes in Nicotiana tabacum clones during phytoextraction of heavy metals. Environmental Science and Pollution Research, 2009, 16, 573-581.	2.7	34
82	Establishment of a constructed wetland in extreme dryland. Environmental Science and Pollution Research, 2009, 16, 862-875.	2.7	11
83	Phytotechnologies to promote sustainable land use and improve food safety: outcomes and outlook from the European COST Action 859. Environmental Science and Pollution Research, 2009, 16, 743-744.	2.7	7
84	Assessment of successful experiments and limitations of phytotechnologies: contaminant uptake, detoxification and sequestration, and consequences for food safety. Environmental Science and Pollution Research, 2009, 16, 876-900.	2.7	229
85	Proteomic and enzymatic response of poplar to cadmium stress. Journal of Proteomics, 2009, 72, 379-396.	1.2	121
86	Trichloroacetic acid of different origin in Norway spruce needles and chloroplasts. Biologia Plantarum, 2008, 52, 177-180.	1.9	3
87	Phytoremediation of organic xenobiotics â€“ Glutathione dependent detoxification in Phragmites plants from European treatment sites. Bioresource Technology, 2008, 99, 7183-7191.	4.8	93
88	Effect of herbicides on glutathione S-transferases in the earthworm, Eisenia fetida. Environmental Science and Pollution Research, 2008, 15, 143-149.	2.7	36
89	Bioenergy to save the world. Environmental Science and Pollution Research, 2008, 15, 196-204.	2.7	64
90	Mesofauna. , 2008, , 293-306.		1

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91	Outline of the Scheyern Project. , 2008, , 3-16.		1
92	Direct Effect of CD on Glutathione S-Transferase and Glutathione Reductase fromCalystegia Sepium. International Journal of Phytoremediation, 2007, 9, 465-473.	1.7	21
93	Exploiting Plant Metabolism for the Phytoremediation of Organic Xenobiotics. Methods in Biotechnology, 2007, , 251-263.	0.2	18
94	A chlorineâ€36 and carbonâ€14 study of the role of chlorine in the forest ecosystem. Journal of Labelled Compounds and Radiopharmaceuticals, 2007, 50, 437-439.	0.5	8
95	Oxidative biodegradation of tetrachloroethene in needles of Norway spruce (Picea abies L.). South African Journal of Botany, 2007, 73, 89-96.	1.2	10
96	Chloroacetic acidsâ€"Degradation intermediates of organic matter in forest soil. Soil Biology and Biochemistry, 2007, 39, 382-385.	4.2	25
97	How Plants Cope with Foreign Compounds. Translocation of xenobiotic glutathione conjugates in roots of barley (Hordeum vulgare) (9 pp). Environmental Science and Pollution Research, 2007, 14, 114-122.	2.7	63
98	Using phytoremediation technologies to upgrade waste water treatment in Europe. Environmental Science and Pollution Research, 2007, 14, 490-497.	2.7	119
99	Uptake, degradation and chiral discrimination of N-acyl-D/L-homoserine lactones by barley (Hordeum) Tj ETQq1 1 0.784314 rgBT /Ove 1447-1457.	1.9	98
100	Determination of trichloroacetic acid in environmental studies using carbon 14 and chlorine 36. Chemosphere, 2006, 63, 1924-1932.	4.2	16
101	Enzymes Transferring Biomolecules to Organic Foreign Compounds: A Role for Glucosyltransferase and Glutathione S-transferase in Phytoremediation. , 2006, , 133-142.		7
102	Development and application of a method for the analysis of N-acylhomoserine lactones by solid-phase extraction and ultra high pressure liquid chromatography. Journal of Chromatography A, 2006, 1134, 186-193.	1.8	72
103	Progress in Understanding the Sources, Deposition and Above-ground Fate of Trichloroacetic Acid (11) Tj ETQq1 1 0.784314 rgBT /Over	2.7	14
104	Detoxification of Herbicides in Phragmites australis. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2005, 60, 317-324.	0.6	31
105	Microsomal Detoxification Enzymes in Yam Bean [Pachyrhizus erosus (L.) Urban]. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2004, 59, 693-700.	0.6	7
106	Microbiological aspects of determination of trichloroacetic acid in soil. Folia Microbiologica, 2004, 49, 117-122.	1.1	4
107	Reaction of spruce cells toward heavy metals and the influence of culture conditions. Environmental Science and Pollution Research, 2004, 11, 388-393.	2.7	4
108	Reaction of detoxification mechanisms in suspension cultured spruce cells (Picea abies L. Karst.) to heavy metals in pure mixture and in soil eluates. Environmental Science and Pollution Research, 2004, 11, 393-393.	2.7	2

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109	Plant response to heavy metals and organic pollutants in cell culture and at whole plant level. Journal of Soils and Sediments, 2004, 4, 133-140.	1.5	41
110	New cost action launched: Phytotechnologies to promote sustainable land use and improve food safety. Journal of Soils and Sediments, 2004, 4, 205-205.	1.5	8
111	Trichloroacetic acid in Norway spruce/soil-system. II. Distribution and degradation in the plant. Chemosphere, 2004, 56, 327-333.	4.2	12
112	Effects of heavy metals and nitroaromatic compounds on horseradish glutathione S-transferase and peroxidase. Chemosphere, 2004, 57, 1007-1015.	4.2	60
113	Trichloroacetic acid cycling in Sitka spruce saplings and effects on sapling health following long term exposure. Environmental Pollution, 2004, 130, 165-176.	3.7	8
114	Reaction of detoxification mechanisms in suspension cultured spruce cells (Picea abies L. Karst.) to heavy metals in pure mixture and in soil eluates. Environmental Science and Pollution Research, 2003, 10, 225-234.	2.7	43
115	Making modern agriculture sustainable: Fam research network on agroecosystems. Journal of Soils and Sediments, 2003, 3, 223-226.	1.5	3
116	New developments in rhizosphere research. Journal of Soils and Sediments, 2003, 3, 227-227.	1.5	5
117	Phytoremediation. Journal of Soils and Sediments, 2003, 3, 228-228.	1.5	2
118	Chloroacetic acids in environmental processes. Environmental Chemistry Letters, 2003, 1, 127-130.	8.3	20
119	Long-Term Exposure of Sitka Spruce Seedlings to Trichloroacetic Acid. Environmental Science & Technology, 2003, 37, 2953-2957.	4.6	11
120	Trichloroacetic acid in Norway spruce/soil-system I. Biodegradation in soil. Chemosphere, 2003, 50, 303-309.	4.2	28
121	Uptake, translocation and fate of trichloroacetic acid in a Norway spruce/soil system. Chemosphere, 2003, 52, 437-442.	4.2	18
122	Conjugating Enzymes Involved in Xenobiotic Metabolism of Organic Xenobiotics in Plants. International Journal of Phytoremediation, 2002, 4, 247-265.	1.7	116
123	Land use and sustainability: FAM Research Network on Agroecosystems. Geoderma, 2002, 105, 155-166.	2.3	49
124	Prospects for the phytoremediation of organic pollutants in Europe. Environmental Science and Pollution Research, 2002, 9, 1-3.	2.7	45
125	Prospects and limitations of phytoremediation for the removal of persistent pesticides in the environment. Environmental Science and Pollution Research, 2002, 9, 4-17.	2.7	111
126	Exploiting plant metabolism for the phytoremediation of persistent herbicides. Environmental Science and Pollution Research, 2002, 9, 18-28.	2.7	41

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127	Phytoremediation to increase the degradation of PCBs and PCDD/Fs. Environmental Science and Pollution Research, 2002, 9, 73-85.	2.7	73
128	The Role of Glutathione and Glutathione S-transferases in Plant Reaction and Adaptation to Xenobiotics. Plant Ecophysiology, 2001, , 155-183.	1.5	18
129	Taxonomic distribution of plant glutathione S-transferases acting on xenobiotics. Phytochemistry, 2000, 54, 267-273.	1.4	87
130	Effects of halone 1301 on Lepidium sativum, Petunia hybrida and Phaseolus vulgaris. Chemosphere, 2000, 41, 1603-1610.	4.2	5
131	Visualization of Glutathione Conjugation and Inducibility of Glutathione S-Transferases in Onion 1999, 54, 1033-1041.	0.6	6
132	Ex-SituProcess for Treating PAH-Contaminated Soil withPhanerochaete chrysosporium. Environmental Science & Technology, 1997, 31, 2626-2633.	4.6	50
133	Exposure to chlorinated acetic acids: Responses of peroxidase and glutathione S-transferase activity in pine needles. Environmental Science and Pollution Research, 1997, 4, 163-171.	2.7	32
134	The Role of Glucosyl and Malonyl Conjugation in Herbicide Selectivity. , 1997, , 211-231.		14
135	Fate of Glutathione S-Conjugates in Plants. , 1997, , 233-244.		13
136	Degradation of glutathione S -conjugates by a carboxypeptidase in the plant vacuole. FEBS Letters, 1996, 384, 31-34.	1.3	136
137	Characterization of glutathione S-transferases in needles of Norway spruce trees from a forest decline stand. Tree Physiology, 1996, 16, 503-508.	1.4	14
138	Glutathion S-transferases in trees: Inducibility by various organic xenobiotics. Zeitschrift Fur Pflanzenernahrung Und Bodenkunde = Journal of Plant Nutrition and Plant Science, 1995, 158, 71-73.	0.4	19
139	Accumulation and fate of C1/C2-chlorocarbons and trichloroacetic acid in spruce needles from an Austrian mountain site. Chemosphere, 1994, 29, 2467-2476.	4.2	35
140	Metabolism of a Diphenylether Herbicide to a Volatile Thioanisole and a Polar Sulfonic Acid Metabolite in Spruce (Picea). Pesticide Biochemistry and Physiology, 1993, 47, 8-20.	1.6	21
141	Characterization of Cytosolic Glutathione Sâ€Transferase in Spruce Needles. Botanica Acta, 1993, 106, 301-306.	1.6	24
142	Diphenyl ether herbicide metabolism in a spruce cell suspension culture: The identification of two novel metabolites derived from a glutathione conjugate. Pesticide Biochemistry and Physiology, 1991, 39, 291-301.	1.6	36
143	Role of Plants in Regulating the Methane Flux to the Atmosphere. , 1991, , 29-63.		147
144	Responses of Petunia hybrida and Phaseolus vulgaris to fumigation with difluoro-chloro-bromo-methane (Halon 1211). Chemosphere, 1990, 21, 1499-1505.	4.2	11

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145	Glutathione S-transferase activity in spruce needles. Pesticide Biochemistry and Physiology, 1990, 37, 211-218.	1.6	27
146	Localization of Thermo-Osmotically Active Partitions in Young Leaves ofNuphar lutea. Journal of Experimental Botany, 1986, 37, 1450-1461.	2.4	73
147	Uptake and transformation of oxybenzone in the presence of TiO2: impact of nanoparticles on the plant remediation of an organic UV filter. , 0, 127, 111-120.		1
148	Nano-TiO₂ retarded fetal development by inhibiting transplacental transfer of thyroid hormones in rat. Environmental Science: Nano, 0, , .	2.2	0
149	Impact of repeated irrigation of lettuce cultures with municipal wastewater on the diversity and composition of root-associated arbuscular mycorrhizal fungi. Biology and Fertility of Soils, 0, , 1.	2.3	0