## Paul Henning Krogh

List of Publications by Year in descending order

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123 papers 4,674 citations

70961 41 h-index 62 g-index

126 all docs

126 docs citations

times ranked

126

5126 citing authors

#	Article	IF	CITATIONS
1	Communities of Collembola show functional resilience in a long-term field experiment simulating climate change. Pedobiologia, 2022, 90, 150789.	0.5	4
2	Analysis of heat and cold tolerance of a freeze-tolerant soil invertebrate distributed from temperate to Arctic regions: evidence of selection for extreme cold tolerance. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2022, 192, 435-445.	0.7	3
3	Water availability rather than temperature control soil fauna community structure and prey–predator interactions. Functional Ecology, 2021, 35, 1550-1559.	1.7	14
4	Earthworm burrow number and vertical distribution are affected by the crop sequence of a grass-clover rotation system. European Journal of Soil Biology, 2021, 103, 103294.	1.4	3
5	Functional and Taxonomic Diversity of Collembola as Complementary Tools to Assess Land Use Effects on Soils Biodiversity. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	13
6	Key to Ptychopteridae (Diptera) larvae of Northern Europe, with notes on distribution and biology. Zootaxa, 2021, 5039, 179-200.	0.2	2
7	Status and trends of terrestrial arthropod abundance and diversity in the North Atlantic region of the Arctic. Ambio, 2020, 49, 718-731.	2.8	39
8	The effect of Bt crops on soil invertebrates: a systematic review and quantitative meta-analysis. Transgenic Research, 2020, 29, 487-498.	1.3	15
9	Pretreatment Method for DNA Barcoding to Analyze Gut Contents of Rotifers. Applied Sciences (Switzerland), 2020, 10, 1064.	1.3	8
10	Insights into the earthworm gut multi-kingdom microbial communities. Science of the Total Environment, 2020, 727, 138301.	3.9	48
11	KEYLINK: towards a more integrative soil representation for inclusion in ecosystem scale models. I. review and model concept. PeerJ, 2020, 8, e9750.	0.9	21
12	Ecological Risk Assessment for Soil Invertebrate Biodiversity and Ecosystem Services. Topics in Biodiversity and Conservation, 2020, , 359-367.	0.3	0
13	Effect of acidified cattle slurry on a soil collembolan community: A mesocosmos study. European Journal of Soil Biology, 2019, 94, 103117.	1.4	2
14	Assessment of toxicity of heavy metal-contaminated soils toward Collembola in the paddy fields supported by laboratory tests. Environmental Science and Pollution Research, 2018, 25, 16969-16978.	2.7	20
15	Intraspecific body size variability in soil organisms at a European scale: Implications for functional biogeography. Functional Ecology, 2018, 32, 2562-2570.	1.7	14
16	Urban and industrial land uses have a higher soil biological quality than expected from physicochemical quality. Science of the Total Environment, 2017, 584-585, 614-621.	3.9	64
17	Wood ash application increases pH but does not harm the soil mesofauna. Environmental Pollution, 2017, 224, 581-589.	3.7	36
18	Interaction webs in arctic ecosystems: Determinants of arctic change?. Ambio, 2017, 46, 12-25.	2.8	59

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19	Does introduction of clover in an agricultural grassland affect the food base and functional diversity of Collembola?. Soil Biology and Biochemistry, 2017, 112, 165-176.	4.2	10
20	Water flow in soil from organic dairy rotations. Journal of Agricultural Science, 2017, 155, 1113-1123.	0.6	3
21	The effects of straw or straw-derived gasification biochar applications on soil quality and crop productivity: A farm case study. Journal of Environmental Management, 2017, 186, 88-95.	3.8	55
22	Establishing a communityâ€wide <scp>DNA</scp> barcode library as a new tool for arctic research. Molecular Ecology Resources, 2016, 16, 809-822.	2.2	77
23	Mapping earthworm communities in Europe. Applied Soil Ecology, 2016, 97, 98-111.	2.1	99
24	Influence of elevated CO2 and GM barley on a soil mesofauna community in a mesocosm test system. Soil Biology and Biochemistry, 2015, 84, 127-136.	4.2	5
25	Pesticide Side Effects in an Agricultural Soil Ecosystem as Measured by amoA Expression Quantification and Bacterial Diversity Changes. PLoS ONE, 2015, 10, e0126080.	1.1	82
26	Microarray detection and qPCR screening of potential biomarkers of Folsomia candida (Collembola:) Tj ETQq0 0	0 rgBT /O	verlock 10 Tf
27	Species composition of a soil invertebrate multi-species test system determines the level of ecotoxicity. Environmental Pollution, 2014, 184, 586-596.	3.7	16
28	Measuring basal soil respiration across Europe: Do incubation temperature and incubation period matter?. Ecological Indicators, 2014, 36, 409-418.	2.6	74
29	Are soil microbial endpoints changed by Bt crops compared with conventional crops? A systematic review protocol. Environmental Evidence, 2014, 3, 11.	1.1	6
30	Are population abundances and biomasses of soil invertebrates changed by Bt crops compared with conventional crops? A systematic review protocol. Environmental Evidence, 2014, 3, .	1.1	4
31	Collembola feeding habits and niche specialization in agricultural grasslands of different composition. Soil Biology and Biochemistry, 2014, 74, 31-38.	4.2	26
32	Laboratory assessment of the impacts of transgenic Bt rice on the ecological fitness of the soil non-target arthropod, Folsomia candida (Collembola: Isotomidae). Transgenic Research, 2013, 22, 791-803.	1.3	18
33	Is energy cropping in Europe compatible with biodiversity? – Opportunities and threats to biodiversity from land-based production of biomass for bioenergy purposes. Biomass and Bioenergy, 2013, 55, 73-86.	2.9	124
34	Connecting the Green and Brown Worlds. Advances in Ecological Research, 2013, 49, 69-175.	1.4	84
35	Decrease in catalase activity of Folsomia candida fed a Bt rice diet. Environmental Pollution, 2011, 159, 3714-3720.	3.7	30
36	NORMA-Gene: A simple and robust method for qPCR normalization based on target gene data. BMC Bioinformatics, 2011, 12, 250.	1,2	122

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37	Outcome of the public consultation on the draft Scientific Opinion of the Scientific Panel on Genetically Modified Organisms (GMO) on the assessment of potential impacts of genetically modified plants on non-target organisms. EFSA Journal, 2010, 8, 1878.	0.9	4
38	The counteracting effects of elevated atmospheric CO2 concentrations and drought episodes: Studies of enchytraeid communities in a dry heathland. Soil Biology and Biochemistry, 2010, 42, 1958-1966.	4.2	17
39	Effect of a High Dose of Three Antibiotics on the Reproduction of a Parthenogenetic Strain of & lt;l>Folsomia candida (Isotomidae: Collembola). Environmental Entomology, 2010, 39, 1170-1177.	0.7	17
40	Environmental Impact of Genetically Modified Maize Expressing Cry1 Proteins. Biotechnology in Agriculture and Forestry, 2010, , 575-614.	0.2	2
41	Indicators for monitoring soil biodiversity. Integrated Environmental Assessment and Management, 2009, 5, 717-719.	1.6	4
42	Nutrient allocations and metabolism in two collembolans with contrasting reproduction and growth strategies. Functional Ecology, 2009, 23, 745-755.	1.7	23
43	Evaluation of growth and reproduction as indicators of soil metal toxicity to the Collembolan, <i>Sinella curviseta</i> . Insect Science, 2009, 16, 57-63.	1.5	32
44	Effects of Bt-maize material on the life cycle of the land snail Cantareus aspersus. Applied Soil Ecology, 2009, 42, 236-242.	2.1	22
45	Soil microbial and faunal responses to herbicide tolerant maize and herbicide in two soils. Plant and Soil, 2008, 308, 93-103.	1.8	25
46	Nanomaterials in ecotoxicology. Integrated Environmental Assessment and Management, 2008, 4, 126-128.	1.6	8
47	A qualitative multi-attribute model for economic and ecological assessment of genetically modified crops. Ecological Modelling, 2008, 215, 247-261.	1.2	74
48	Effects of acclimation temperature on thermal tolerance and membrane phospholipid composition in the fruit fly Drosophila melanogaster. Journal of Insect Physiology, 2008, 54, 619-629.	0.9	148
49	Population performance of collembolans feeding on soil fungi from different ecological niches. Soil Biology and Biochemistry, 2008, 40, 360-369.	4.2	47
50	The toxicity testing of double-walled nanotubes-contaminated food to Eisenia veneta earthworms. Ecotoxicology and Environmental Safety, 2008, 71, 616-619.	2.9	118
51	Solid-Phase Microextraction (SPME) as a Tool to Predict the Bioavailability and Toxicity of Pyrene to the Springtail, Folsomia candida, under Various Soil Conditions. Environmental Science & Emp; Technology, 2008, 42, 1332-1336.	4.6	52
52	A qualitative multi-attribute model for assessing the impact of cropping systems on soil quality. Pedobiologia, 2007, 51, 239-250.	0.5	40
53	Evaluation of effects of transgenic Bt maize on microarthropods in a European multi-site experiment. Pedobiologia, 2007, 51, 207-218.	0.5	51
54	Microbial and microfaunal community structure in cropping systems with genetically modified plants. Pedobiologia, 2007, 51, 195-206.	0.5	64

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55	Responses by earthworms to reduced tillage in herbicide tolerant maize and Bt maize cropping systems. Pedobiologia, 2007, 51, 219-227.	0.5	35
56	Exposure and effects assessments of Bt-maize on non-target organisms (gastropods,) Tj ETQq0 0 0 rgBT /Overlock	10 Tf 50	702 Td (mic
57	The role of laboratory, glasshouse and field scale experiments in understanding the interactions between genetically modified crops and soil ecosystems: A review of the ECOGEN project. Pedobiologia, 2007, 51, 251-260.	0.5	47
58	Hierarchical classification of environmental factors and agricultural practices affecting soil fauna under cropping systems using Bt maize. Pedobiologia, 2007, 51, 229-238.	0.5	28
59	Reproductive performance of the generalist predator Hypoaspis aculeifer (Acari: Gamasida) when foraging on different invertebrate prey. Applied Soil Ecology, 2007, 36, 130-135.	2.1	23
60	Benzo(a)pyrene shows low toxicity to three species of terrestrial plants, two soil invertebrates, and soil-nitrifying bacteria. Ecotoxicology and Environmental Safety, 2007, 66, 362-368.	2.9	39
61	Nonylphenol stimulates fecundity but not population growth rate $(\hat{l})$ of Folsomia candida. Ecotoxicology and Environmental Safety, 2007, 67, 369-377.	2.9	32
62	Combined effect of copper and prolonged summer drought on soil Microarthropods in the field. Environmental Pollution, 2007, 146, 525-533.	3.7	23
63	Risk assessment of linear alkylbenzene sulphonates, LAS, in agricultural soil revisited: Robust chronic toxicity tests for Folsomia candida (Collembola), Aporrectodea caliginosa (Oligochaeta) and Enchytraeus crypticus (Enchytraeidae). Chemosphere, 2007, 69, 872-879.	4.2	21
64	European risk assessment of LAS in agricultural soil revisited: Species sensitivity distribution and risk estimates. Chemosphere, 2007, 69, 880-892.	4.2	27
65	Varietal effects of eight paired lines of transgenic Bt maize and near-isogenic non-Bt maize on soil microbial and nematode community structure. Plant Biotechnology Journal, 2007, 5, 60-68.	4.1	72
66	Probabilistic risk assessment for linear alkylbenzene sulfonate (LAS) in sewage sludge used on agricultural soil. Regulatory Toxicology and Pharmacology, 2007, 49, 245-259.	1.3	47
67	Properties of anaerobically digested and composted municipal solid waste assessed by linking soil mesofauna dynamics and nitrogen modelling. Biology and Fertility of Soils, 2007, 44, 59-68.	2.3	15
68	Assimilation dynamics of soil carbon and nitrogen by wheat roots and Collembola. Plant and Soil, 2007, 295, 253-264.	1.8	19
69	Can Bacillus thuringiensis (Bt) corn residues and Bt-corn plants affect life-history traits in the earthworm Aporrectodea caliginosa?. Applied Soil Ecology, 2006, 32, 180-187.	2.1	57
70	Consequences for Protaphorura armata (Collembola: Onychiuridae) following exposure to genetically modified Bacillus thuringiensis (Bt) maize and non-Bt maize. Environmental Pollution, 2006, 142, 212-216.	3.7	47
71	Soil Microbial and Faunal Community Responses to Bt Maize and Insecticide in Two Soils. Journal of Environmental Quality, 2006, 35, 734-741.	1.0	102
72	INTERSPECIFIC RELATIONSHIPS AMONG SOIL INVERTEBRATES INFLUENCE POLLUTANT EFFECTS OF PHENANTHRENE. Environmental Toxicology and Chemistry, 2006, 25, 120.	2.2	16

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73	Effects of sewage sludge and copper enrichment on both soil mesofauna community and decomposition of oak leaves (Quercus suber) in a mesocosm. Biology and Fertility of Soils, 2006, 43, 39-50.	2.3	20
74	Using multi-objective classification to model communities of soil microarthropods. Ecological Modelling, 2006, 191, 131-143.	1.2	46
75	Decomposition processes under Bt (Bacillus thuringiensis) maize: Results of a multi-site experiment. Soil Biology and Biochemistry, 2006, 38, 195-199.	4.2	54
76	A Comparison of Soil Microbial Community Structure, Protozoa and Nematodes in Field Plots of Conventional and Genetically Modified Maize Expressing the Bacillus thuringiens is CrylAb Toxin. Plant and Soil, 2005, 275, 135-146.	1.8	110
77	Life Stage Specific Impact of Dimethoate on the Predatory MiteHypoaspis aculeiferCanestrini (Gamasida: A Laelapidae). Environmental Science & Environm	4.6	13
78	The influence of application form on the toxicity of nonylphenol to Folsomia fimetaria (Collembola:) Tj ETQq0 0 0	O rgBJ /Ov	erlogk 10 Tf 5
79	Increasing species and trophic diversity of mesofauna affects fungal biomass, mesofauna community structure and organic matter decomposition processes. Biology and Fertility of Soils, 2003, 37, 302-312.	2.3	60
80	Organic contaminants in soil. Environmental Toxicology and Chemistry, 2003, 22, 691-691.	2,2	4
81	Activity and population dynamics of heterotrophic and ammoniaâ€oxidizing microorganisms in soil surrounding sludge bands spiked with linear alkylbenzene sulfonate: A field study. Environmental Toxicology and Chemistry, 2003, 22, 821-829.	2.2	19
82	Recycling of sewage sludge and household compost to arable land: fate and effects of organic contaminants, and impact on soil fertility. Soil and Tillage Research, 2003, 72, 139-152.	2.6	157
83	Effects of the antibacterial agents tiamulin, olanquindox and metronidazole and the anthelmintic ivermectin on the soil invertebrate species Folsomia fimetaria (Collembola) and Enchytraeus crypticus (Enchytraeidae). Chemosphere, 2003, 50, 437-443.	4.2	77
84	Toxicity of eight polycyclic aromatic compounds to red clover (Trifolium pratense), ryegrass (Lolium) Tj ETQq0 0	0 rgBT /O	verlock 10 Tf
85	ORGANIC CONTAMINANTS IN SOIL - Editorial. Environmental Toxicology and Chemistry, 2003, 22, 691.	2.2	0
86	Activity and population dynamics of heterotrophic and ammonia-oxidizing microorganisms in soil surrounding sludge bands spiked with linear alkylbenzene sulfonate: a field study. Environmental Toxicology and Chemistry, 2003, 22, 821-9.	2.2	2
87	Soil Ecotoxicity of Polycyclic Aromatic Hydrocarbons in Relation to Soil Sorption, Lipophilicity, and Water Solubility. Environmental Science & Echnology, 2002, 36, 2429-2435.	4.6	231
88	Studies on the effect of soil aging on the toxicity of pyrene and phenanthrene to a soilâ€dwelling springtail. Environmental Toxicology and Chemistry, 2002, 21, 489-492.	2.2	16
89	Soil microbial toxicity of eight polycyclic aromatic compounds: Effects on nitrification, the genetic diversity of bacteria, and the total number of protozoans. Environmental Toxicology and Chemistry, 2002, 21, 1644-1650.	2.2	60
90	Relative sensitivity of three terrestrial invertebrate tests to polycyclic aromatic compounds. Environmental Toxicology and Chemistry, 2002, 21, 1927-1933.	2.2	56

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91	EFFECTS OF EIGHT POLYCYCLIC AROMATIC COMPOUNDS ON THE SURVIVAL AND REPRODUCTION OF ENCHYTRAEUS CRYPTICUS (OLIGOCHAETA, CLITELLATA). Environmental Toxicology and Chemistry, 2002, 21, 109.	2.2	2
92	Studies on the effect of soil aging on the toxicity of pyrene and phenanthrene to a soil-dwelling springtail. Environmental Toxicology and Chemistry, 2002, 21, 489-92.	2.2	3
93	Soil microbial toxicity of eight polycyclic aromatic compounds: Effects on nitrification, the genetic diversity of bacteria, and the total number of protozoans. , 2002, 21, 1644.		2
94	Relative sensitivity of three terrestrial invertebrate tests to polycyclic aromatic compounds., 2002, 21, 1927.		1
95	Soil microbial toxicity of eight polycyclic aromatic compounds: effects on nitrification, the genetic diversity of bacteria, and the total number of protozoans. Environmental Toxicology and Chemistry, 2002, 21, 1644-50.	2.2	7
96	Effects of di(2â€ethylhexyl) phthalate and dibutyl phthalate on the collembolan ⟨i⟩Folsomia fimetaria⟨ i⟩. Environmental Toxicology and Chemistry, 2001, 20, 1085-1091.	2.2	21
97	Effects of eight polycyclic aromatic compounds on the survival and reproduction of the springtail <i>Folsomia fimetaria </i> L. (collembola, isotomidae). Environmental Toxicology and Chemistry, 2001, 20, 1332-1338.	2.2	47
98	Effects and risk assessment of linear alkylbenzene sulfonates in agricultural soil. 3. Sublethal effects on soil invertebrates. Environmental Toxicology and Chemistry, 2001, 20, 1673-1679.	2.2	25
99	Effects and risk assessment of linear alkylbenzene sulfonates in agricultural soil. 4. The influence of salt speciation, soil type, and sewage sludge on toxicity using the collembolan <i>Folsomia fimetaria</i> and the earthworm <i>Aporrectodea caliginosa</i> as test organisms. Environmental Toxicology and Chemistry, 2001, 20, 1680-1689.	2.2	27
100	Effects and risk assessment of linear alkylbenzene sulfonates in agricultural soil. 5. Probabilistic risk assessment of linear alkylbenzene sulfonates in sludgeâ€amended soils. Environmental Toxicology and Chemistry, 2001, 20, 1690-1697.	2.2	47
101	Effects of polycyclic aromatic compounds on the drought tolerance of i>Folsomia fimetaria /i> (Collembola, Isotomidae). Environmental Toxicology and Chemistry, 2001, 20, 2899-2902.	2.2	17
102	EFFECTS OF POLYCYCLIC AROMATIC COMPOUNDS ON THE DROUGHT TOLERANCE OF FOLSOMIA FIMETARIA (COLLEMBOLA, ISOTOMIDAE). Environmental Toxicology and Chemistry, 2001, 20, 2899.	2.2	11
103	EFFECTS OF DI(2-ETHYLHEXYL) PHTHALATE AND DIBUTYL PHTHALATE ON THE COLLEMBOLAN FOLSOMIA FIMETARIA. Environmental Toxicology and Chemistry, 2001, 20, 1085.	2.2	8
104	EFFECTS OF EIGHT POLYCYCLIC AROMATIC COMPOUNDS ON THE SURVIVAL AND REPRODUCTION OF THE SPRINGTAIL FOLSOMIA FIMETARIA L. (COLLEMBOLA, ISOTOMIDAE). Environmental Toxicology and Chemistry, 2001, 20, 1332.	2.2	37
105	EFFECTS AND RISK ASSESSMENT OF LINEAR ALKYLBENZENE SULFONATES IN AGRICULTURAL SOIL. 4. THE INFLUENCE OF SALT SPECIATION, SOIL TYPE, AND SEWAGE SLUDGE ON TOXICITY USING THE COLLEMBOLAN FOLSOMIA FIMETARIA AND THE EARTHWORM APORRECTODEA CALIGINOSA AS TEST ORGANISMS. Environmental Toxicology and Chemistry, 2001, 20, 1680.	2.2	4
106	Responses of <i>Folsomia fimetaria </i> (Collembola: Isotomidae) to copper under different soil copper contamination histories in relation to risk assessment. Environmental Toxicology and Chemistry, 2000, 19, 1297-1303.	2.2	49
107	Interactions between saprotrophic fungi, bacteria and protozoa on decomposing wheat roots in soil influenced by the fungicide fenpropimorph (Corbel®): a field study. Soil Biology and Biochemistry, 2000, 32, 967-975.	4.2	33
108	Effects of the antibiotics oxytetracycline and tylosin on soil fauna. Chemosphere, 2000, 40, 751-757.	4.2	163

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109	RESPONSES OF FOLSOMIA FIMETARIA (COLLEMBOLA: ISOTOMIDAE) TO COPPER UNDER DIFFERENT SOIL COPPER CONTAMINATION HISTORIES IN RELATION TO RISK ASSESSMENT. Environmental Toxicology and Chemistry, 2000, 19, 1297.	2.2	12
110	Three species of Isotoma (Collembola, Isotomidae) based on morphology, isozymes and ecology. Zoologica Scripta, 1999, 28, 281-287.	0.7	23
111	Effects of soil organic matter content and temperature on toxicity of dimethoate to <i>Folsomia fimetaria</i> (Collembola: Isotomiidae). Environmental Toxicology and Chemistry, 1999, 18, 865-872.	2.2	31
112	Toxicity of Nickel to a Soil-Dwelling Springtail, Folsomia fimetaria (Collembola: Isotomidae). Ecotoxicology and Environmental Safety, 1999, 43, 57-61.	2.9	28
113	EFFECTS OF SOIL ORGANIC MATTER CONTENT AND TEMPERATURE ON TOXICITY OF DIMETHOATE TO FOLSOMIA FIMETARIA (COLLEMBOLA: ISOTOMIIDAE). Environmental Toxicology and Chemistry, 1999, 18, 865.	2.2	6
114	Automatic counting of collembolans for laboratory experiments. Applied Soil Ecology, 1998, 7, 201-205.	2.1	41
115	Ecological Effects Assessment of Industrial Sludge for Microarthropods and Decomposition in a Spruce Plantation. Ecotoxicology and Environmental Safety, 1997, 36, 162-168.	2.9	21
116	Predator–Prey Relationships in a Two-Species Toxicity Test System. Ecotoxicology and Environmental Safety, 1997, 37, 203-212.	2.9	33
117	Simulations of the predator-prey interactions in a two species ecotoxicological test system. Ecological Modelling, 1997, 101, 15-25.	1.2	18
118	Sublethal toxicity of copper to a soilâ€dwelling springtail ( <i>Folsomia fimetaria</i> ) (Collembola:) Tj ETQq0 0 0	rgBT/Ove	erlock 10 Tf 50
119	SUBLETHAL TOXICITY OF COPPER TO A SOIL-DWELLING SPRINGTAIL (FOLSOMIA FIMETARIA) (COLLEMBOLA:) Tj	ETQq1 1	0.784314 rgl
120	Effect of Dimethoate on Body Growth of Representatives of the Soil Living Mesofauna. Ecotoxicology and Environmental Safety, 1996, 33, 207-216.	2.9	45
121	Effects of an anionic surfactant, linear alkylbenzene sulfonate, on survival, reproduction and growth of the soil-living collembolanFolsomia fimetaria. Environmental Toxicology and Chemistry, 1996, 15, 1745-1748.	2.2	28
122	EFFECTS OF AN ANIONIC SURFACTANT, LINEAR ALKYLBENZENE SULFONATE, ON SURVIVAL, REPRODUCTION AND GROWTH OF THE SOIL-LIVING COLLEMBOLAN FOLSOMIA FIMETARIA—Short Communication. Environmental Toxicology and Chemistry, 1996, 15, 1745.	2.2	27
123	Does a Heterogeneous Distribution of Food or Pesticide Affect the Outcome of Toxicity Tests with Collembola?. Ecotoxicology and Environmental Safety, 1995, 30, 158-163.	2.9	64