

Cornelis A M Van Gestel

List of Publications by Year in descending order

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188
papers

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41627

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#	ARTICLE	IF	CITATIONS
1	Microplastic Fibers Increase Sublethal Effects of AgNP and AgNO ₃ in <i>Daphnia magna</i> by Changing Cellular Energy Allocation. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 896-904.	2.2	10
2	Incorporation of chemical and toxicological availability into metal mixture toxicity modeling: State of the art and future perspectives. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 1730-1772.	6.6	8
3	Bioaccumulation but no biomagnification of silver sulfide nanoparticles in freshwater snails and planarians. <i>Science of the Total Environment</i> , 2022, 808, 151956.	3.9	6
4	Toxicokinetics of metals in the soil invertebrate <i>Enchytraeus crypticus</i> exposed to field-contaminated soils from a mining area. <i>Environmental Pollution</i> , 2022, 300, 118874.	3.7	4
5	Toxicokinetics of Chromium in <i>Enchytraeus crypticus</i> (Oligochaeta). <i>Toxics</i> , 2022, 10, 82.	1.6	3
6	Effects of sulfidation of silver nanoparticles on the Ag uptake kinetics in <i>Brassica rapa</i> plants. <i>Journal of Hazardous Materials</i> , 2022, 435, 128880.	6.5	8
7	Toxicokinetics and toxicodynamics of copper and cadmium in the soil invertebrate <i>Enchytraeus crypticus</i> (Oligochaeta). <i>Ecotoxicology and Environmental Safety</i> , 2022, 236, 113485.	2.9	3
8	Mining environmental liabilities: a potential source of metal contamination for freshwater ecosystems in Costa Rica. <i>Revista Geográfica De América Central</i> , 2022, 1, 333-356.	0.2	0
9	Commonwealth of Soil Health: How Do Earthworms Modify the Soil Microbial Responses to CeO ₂ Nanoparticles?. <i>Environmental Science & Technology</i> , 2022, 56, 1138-1148.	4.6	17
10	Field mixtures of currently used pesticides in agricultural soil pose a risk to soil invertebrates. <i>Environmental Pollution</i> , 2022, 305, 119290.	3.7	21
11	Long-Term Effects of Imidacloprid, Thiacloprid, and Clothianidin on the Growth and Development of <i>Eisenia andrei</i> . <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 1686-1695.	2.2	7
12	Effects of microplastics from disposable medical masks on terrestrial invertebrates. <i>Journal of Hazardous Materials</i> , 2022, 438, 129440.	6.5	17
13	Toxicity and bioaccumulation of copper in the oribatid mite <i>Oppia nitens</i> (Acari: Oribatida). <i>Applied Soil Ecology</i> , 2022, 179, 104601.	2.1	2
14	A Multiple Life-History Trait-Based and Time-Resolved Assessment of Imidacloprid Effects and Recovery in the Widely Distributed Collembolan <i>Folsomia quadrioculata</i> . <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 139-147.	2.2	4
15	Soil Biodiversity: State-of-the-Art and Possible Implementation in Chemical Risk Assessment. <i>Integrated Environmental Assessment and Management</i> , 2021, 17, 541-551.	1.6	10
16	Mechanistic Effect Modeling of Earthworms in the Context of Pesticide Risk Assessment: Synthesis of the FORESEE Workshop. <i>Integrated Environmental Assessment and Management</i> , 2021, 17, 352-363.	1.6	18
17	Bringing ecology into toxicology: Life-cycle toxicity of two neonicotinoids to four different species of springtails in LUFA 2.2 natural soil. <i>Chemosphere</i> , 2021, 263, 128245.	4.2	18
18	Toxicokinetics of Ag (nano)materials in the soil model <i>Enchytraeus crypticus</i> (Oligochaeta) – impact of aging and concentration. <i>Environmental Science: Nano</i> , 2021, 8, 2629-2640.	2.2	8

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19	A Kinetic Approach for Assessing the Uptake of Ag from Pristine and Sulfidized Ag Nanomaterials to Plants. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 1859-1870.	2.2	3
20	Microplastic fibers influence Ag toxicity and bioaccumulation in <i>Eisenia andrei</i> but not in <i>Enchytraeus crypticus</i> . <i>Ecotoxicology</i> , 2021, 30, 1216-1226.	1.1	16
21	Toxicokinetics of copper and cadmium in the soil model <i>Enchytraeus crypticus</i> (Oligochaeta). <i>Chemosphere</i> , 2021, 270, 129433.	4.2	10
22	Microplastics, chlorpyrifos and their mixtures modulate immune processes in the terrestrial crustacean <i>Porcellio scaber</i> . <i>Science of the Total Environment</i> , 2021, 772, 144900.	3.9	45
23	Toxicokinetics of silver nanoparticles in the mealworm <i>Tenebrio molitor</i> exposed via soil or food. <i>Science of the Total Environment</i> , 2021, 777, 146071.	3.9	25
24	Transport and accumulation of microplastics through wastewater treatment sludge processes. <i>Chemosphere</i> , 2021, 278, 130471.	4.2	62
25	Exploring the impacts of microplastics and associated chemicals in the terrestrial environment – Exposure of soil invertebrates to tire particles. <i>Environmental Research</i> , 2021, 201, 111495.	3.7	48
26	Dose-dependent effects of lead and cadmium and the influence of soil properties on their uptake by <i>Helix aspersa</i> : an ecotoxicity test approach. <i>Ecotoxicology</i> , 2021, 30, 331-342.	1.1	6
27	Temperature-Dependent Toxicokinetics of Phenanthrene in <i>Enchytraeus albidus</i> (Oligochaeta). <i>Environmental Science & Technology</i> , 2021, 55, 1876-1884.	4.6	9
28	Impact of chromium on the soil invertebrate model <i>Enchytraeus crypticus</i> (Oligochaeta) in standard reproduction and full life cycle tests. <i>Chemosphere</i> , 2021, 291, 132751.	4.2	5
29	Ecotoxicological effects on <i>Lemna minor</i> and <i>Daphnia magna</i> of leachates from differently aged landfills of Ghana. <i>Science of the Total Environment</i> , 2020, 698, 134295.	3.9	41
30	Exploring the impacts of plastics in soil – The effects of polyester textile fibers on soil invertebrates. <i>Science of the Total Environment</i> , 2020, 700, 134451.	3.9	168
31	Toxicity in Neonicotinoids to <i>Folsomia candida</i> and <i>Eisenia andrei</i> . <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 548-555.	2.2	31
32	Factors affecting microplastic retention and emission by a wastewater treatment plant on the southern coast of Caspian Sea. <i>Chemosphere</i> , 2020, 261, 128179.	4.2	56
33	Interactions of arsenic, copper, and zinc in soil-plant system: Partition, uptake and phytotoxicity. <i>Science of the Total Environment</i> , 2020, 745, 140926.	3.9	27
34	Toxicity of binary mixtures of Cu, Cr and As to the earthworm <i>Eisenia andrei</i> . <i>Ecotoxicology</i> , 2020, 29, 900-911.	1.1	10
35	Toxicokinetics of pristine and aged silver nanoparticles in <i>Physa acuta</i> . <i>Environmental Science: Nano</i> , 2020, 7, 3849-3868.	2.2	13
36	Comparative biokinetics of pristine and sulfidized Ag nanoparticles in two arthropod species exposed to different field soils. <i>Environmental Science: Nano</i> , 2020, 7, 2735-2746.	2.2	9

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37	Avoidance tests with the oribatid mite <i>Oppia nitens</i> (Acari: Oribatida) in cadmium-spiked natural soils. <i>Experimental and Applied Acarology</i> , 2020, 82, 81-93.	0.7	4
38	Bioaccumulation and Toxicity of Organic Chemicals in Terrestrial Invertebrates. <i>Handbook of Environmental Chemistry</i> , 2020, , 149-189.	0.2	7
39	Protective effect of N-acetylcysteine on the toxicity of silver nanoparticles: Bioavailability and toxicokinetics in <i>Enchytraeus crypticus</i> . <i>Science of the Total Environment</i> , 2020, 715, 136797.	3.9	9
40	Effective Modeling Framework for Quantifying the Potential Impacts of Coexisting Anions on the Toxicity of Arsenate, Selenite, and Vanadate. <i>Environmental Science & Technology</i> , 2020, 54, 2379-2388.	4.6	14
41	The gut barrier and the fate of engineered nanomaterials: a view from comparative physiology. <i>Environmental Science: Nano</i> , 2020, 7, 1874-1898.	2.2	32
42	Impact of temperature on the toxicity of Kraft 36ÂECÂ® (a.s. abamectin) and Score 250ÂECÂ® (a.s.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 and Environmental Safety, 2020, 194, 110446.	2.9	18
43	Toxicity, bioaccumulation and biotransformation of Cu oxide nanoparticles in <i>Daphnia magna</i> . <i>Environmental Science: Nano</i> , 2019, 6, 2897-2906.	2.2	21
44	Partitioning of chemical contaminants to microplastics: Sorption mechanisms, environmental distribution and effects on toxicity and bioaccumulation. <i>Environmental Pollution</i> , 2019, 252, 1246-1256.	3.7	296
45	Tools and rules for modelling uptake and bioaccumulation of nanomaterials in invertebrate organisms. <i>Environmental Science: Nano</i> , 2019, 6, 1985-2001.	2.2	43
46	Effect of ageing and chemical form on the bioavailability and toxicity of Pb to the survival and reproduction of the soil invertebrate <i>Enchytraeus crypticus</i> . <i>Science of the Total Environment</i> , 2019, 664, 975-983.	3.9	14
47	Effect of percolation and chemical form on Pb bioavailability and toxicity to the soil invertebrate <i>Enchytraeus crypticus</i> in freshly spiked and aged soils. <i>Environmental Pollution</i> , 2019, 247, 866-873.	3.7	13
48	An uptake and elimination kinetics approach to assess the bioavailability of chromium, copper, and arsenic to earthworms (<i>Eisenia andrei</i>) in contaminated field soils. <i>Environmental Science and Pollution Research</i> , 2019, 26, 15095-15104.	2.7	26
49	Different dynamic accumulation and toxicity of ZnO nanoparticles and ionic Zn in the soil sentinel organism <i>Enchytraeus crypticus</i> . <i>Environmental Pollution</i> , 2019, 245, 510-518.	3.7	24
50	A combined toxicokinetics and toxicodynamics approach to investigate delayed lead toxicity in the soil invertebrate <i>Enchytraeus crypticus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 33-39.	2.9	19
51	Effect of soil properties on Pb bioavailability and toxicity to the soil invertebrate <i>Enchytraeus crypticus</i> . <i>Chemosphere</i> , 2019, 217, 9-17.	4.2	32
52	The use of gene expression to unravel the single and mixture toxicity of abamectin and difenoconazole on survival and reproduction of the springtail <i>Folsomia candida</i> . <i>Environmental Pollution</i> , 2019, 244, 342-350.	3.7	23
53	Assessing the toxicity of thiamethoxam, in natural LUF 2.2 soil, through three generations of <i>Folsomia candida</i> . <i>Ecotoxicology</i> , 2018, 27, 764-771.	1.1	10
54	No effect of selected engineered nanomaterials on reproduction and survival of the springtail <i>Folsomia candida</i> . <i>Environmental Science: Nano</i> , 2018, 5, 564-571.	2.2	16

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55	Toxicokinetics of Zn and Cd in the earthworm <i>Eisenia andrei</i> exposed to metal-contaminated soils under different combinations of air temperature and soil moisture content. <i>Chemosphere</i> , 2018, 197, 26-32.	4.2	41
56	Exploring DNA methylation patterns in copper exposed <i>Folsomia candida</i> and <i>Enchytraeus crypticus</i> . <i>Pedobiologia</i> , 2018, 66, 52-57.	0.5	14
57	Lanthanum toxicity to five different species of soil invertebrates in relation to availability in soil. <i>Chemosphere</i> , 2018, 193, 412-420.	4.2	43
58	Nanomaterials as Soil Pollutants. , 2018, , 161-190.		13
59	Terrestrial isopods as model organisms in soil ecotoxicology: a review. <i>ZooKeys</i> , 2018, 801, 127-162.	0.5	49
60	Effects of ZnO Nanoparticles on <i>Phaseolus vulgaris</i> Germination and Seedling Development Determined by X-ray Spectroscopy. <i>ACS Applied Nano Materials</i> , 2018, 1, 6414-6426.	2.4	48
61	Phenotypic and transcriptional responses associated with multi-generation exposure of <i>Folsomia candida</i> to engineered nanomaterials. <i>Environmental Science: Nano</i> , 2018, 5, 2426-2439.	2.2	9
62	Extrapolation of imidacloprid toxicity between soils by exposing <i>Folsomia candida</i> in soil pore water. <i>Ecotoxicology</i> , 2018, 27, 1107-1115.	1.1	29
63	Ecotoxicological effects of microplastics in soil: Comments on the paper by Zhu et al. (2018) "Exposure of soil collembolans to microplastics perturbs their gut microbiota and alters their isotopic composition." <i>Soil Biology & Biochemistry</i> 116, 302-310. <i>Soil Biology and Biochemistry</i> , 2018, 124, 116-117.	4.2	8
64	Effects of aging and soil properties on zinc oxide nanoparticle availability and its ecotoxicological effects to the earthworm <i>Eisenia andrei</i> . <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 137-146.	2.2	72
65	Multigeneration toxicity of imidacloprid and thiacloprid to <i>Folsomia candida</i> . <i>Ecotoxicology</i> , 2017, 26, 320-328.	1.1	53
66	The toxicity of different lead salts to <i>Enchytraeus crypticus</i> in relation to bioavailability in soil. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2083-2091.	2.2	12
67	Influence of climate change on the multi-generation toxicity to <i>Enchytraeus crypticus</i> of soils polluted by metal/metalloid mining wastes. <i>Environmental Pollution</i> , 2017, 222, 101-108.	3.7	16
68	Toxicokinetics of zinc-oxide nanoparticles and zinc ions in the earthworm <i>Eisenia andrei</i> . <i>Ecotoxicology and Environmental Safety</i> , 2017, 143, 151-158.	2.9	27
69	Comparative toxicity of imidacloprid and thiacloprid to different species of soil invertebrates. <i>Ecotoxicology</i> , 2017, 26, 555-564.	1.1	80
70	Time-dependent uptake and toxicity of nickel to <i>Enchytraeus crypticus</i> in the presence of humic acid and fulvic acid. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 3019-3027.	2.2	10
71	Toxicokinetics and toxicodynamics of lead in the soil invertebrate <i>Enchytraeus crypticus</i> . <i>Environmental Pollution</i> , 2017, 225, 534-541.	3.7	37
72	X-ray Spectroscopy Uncovering the Effects of Cu Based Nanoparticle Concentration and Structure on <i>Phaseolus vulgaris</i> Germination and Seedling Development. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 7874-7884.	2.4	59

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73	The effect of soil properties on the toxicity and bioaccumulation of Ag nanoparticles and Ag ions in <i>Enchytraeus crypticus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2017, 144, 330-337.	2.9	40
74	Coping with living in the soil: the genome of the parthenogenetic springtail <i>Folsomia candida</i> . <i>BMC Genomics</i> , 2017, 18, 493.	1.2	103
75	Bioaccumulation of silver in <i>Daphnia magna</i> : Waterborne and dietary exposure to nanoparticles and dissolved silver. <i>Science of the Total Environment</i> , 2017, 574, 1633-1639.	3.9	71
76	Resilience of Soil Microbial Communities to Metals and Additional Stressors: DNA-Based Approaches for Assessing "Stress-on-Stress" Responses. <i>International Journal of Molecular Sciences</i> , 2016, 17, 933.	1.8	68
77	Mechanisms of phenanthrene toxicity in the soil invertebrate, <i>Enchytraeus crypticus</i> . <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 2713-2720.	2.2	16
78	Toxicity of a metal(loid)-polluted agricultural soil to <i>Enchytraeus crypticus</i> changes under a global warming perspective: Variations in air temperature and soil moisture content. <i>Science of the Total Environment</i> , 2016, 573, 203-211.	3.9	17
79	Sorption and pH determine the long-term partitioning of cadmium in natural soils. <i>Environmental Science and Pollution Research</i> , 2016, 23, 18492-18501.	2.7	15
80	Toxicokinetics of Ag in the terrestrial isopod <i>Porcellionides pruinosus</i> exposed to Ag NPs and AgNO ₃ via soil and food. <i>Ecotoxicology</i> , 2016, 25, 267-278.	1.1	38
81	Toxicokinetics and toxicodynamics of differently coated silver nanoparticles and silver nitrate in <i>Enchytraeus crypticus</i> upon aqueous exposure in an inert sand medium. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 2816-2823.	2.2	32
82	Biotic ligand modeling approach: Synthesis of the effect of major cations on the toxicity of metals to soil and aquatic organisms. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 2194-2204.	2.2	26
83	A generic biotic ligand model quantifying the development in time of Ni toxicity to <i>Enchytraeus crypticus</i> . <i>Chemosphere</i> , 2015, 124, 170-176.	4.2	7
84	Ecotoxicogenomic assessment of diclofenac toxicity in soil. <i>Environmental Pollution</i> , 2015, 199, 253-260.	3.7	36
85	Effect of soil properties on the toxicity of Pb: Assessment of the appropriateness of guideline values. <i>Journal of Hazardous Materials</i> , 2015, 289, 46-53.	6.5	67
86	Daphnid Life Cycle Responses to the Insecticide Chlorantraniliprole and Its Transformation Products. <i>Environmental Science & Technology</i> , 2015, 49, 3922-3929.	4.6	25
87	Interaction between nickel and cobalt toxicity in <i>Enchytraeus crypticus</i> is due to competitive uptake. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 328-337.	2.2	16
88	Microbial community composition and functions are resilient to metal pollution along two forest soil gradients. <i>FEMS Microbiology Ecology</i> , 2015, 91, 1-11.	1.3	120
89	Knowledge, attitude, and practice of Indonesian farmers regarding the use of personal protective equipment against pesticide exposure. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 142.	1.3	71
90	Effects of soil and dietary exposures to Ag nanoparticles and AgNO ₃ in the terrestrial isopod <i>Porcellionides pruinosus</i> . <i>Environmental Pollution</i> , 2015, 205, 170-177.	3.7	43

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91	Climate change effects on enchytraeid performance in metal-polluted soils explained from changes in metal bioavailability and bioaccumulation. <i>Environmental Research</i> , 2015, 142, 177-184.	3.7	32
92	Uptake routes and toxicokinetics of silver nanoparticles and silver ions in the earthworm <i>Lumbricus rubellus</i> . <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 2263-2270.	2.2	52
93	Toxicity of Pb contaminated soils to the oribatid mite <i>Platynothrus peltifer</i> . <i>Ecotoxicology</i> , 2015, 24, 985-990.	1.1	9
94	Short-term soil bioassays may not reveal the full toxicity potential for nanomaterials; bioavailability and toxicity of silver ions (AgNO ₃) and silver nanoparticles to earthworm <i>Eisenia fetida</i> in long-term aged soils. <i>Environmental Pollution</i> , 2015, 203, 191-198.	3.7	93
95	Effects of climate change on the toxicity of soils polluted by metal mine wastes to <i>Enchytraeus crypticus</i> . <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 346-354.	2.2	23
96	Delineating the dynamic uptake and toxicity of Ni and Co mixtures in <i>Enchytraeus crypticus</i> using a WHAM-FTOX approach. <i>Chemosphere</i> , 2015, 139, 216-222.	4.2	21
97	CeO ₂ nanoparticles induce no changes in phenanthrene toxicity to the soil organisms <i>Porcellionides pruinosus</i> and <i>Folsomia candida</i> . <i>Ecotoxicology and Environmental Safety</i> , 2015, 113, 201-206.	2.9	18
98	Both released silver ions and particulate Ag contribute to the toxicity of AgNPs to earthworm <i>Eisenia fetida</i> . <i>Nanotoxicology</i> , 2015, 9, 792-801.	1.6	46
99	Uptake and elimination kinetics of silver nanoparticles and silver nitrate by <i>Raphidocelis subcapitata</i> : The influence of silver behaviour in solution. <i>Nanotoxicology</i> , 2015, 9, 686-695.	1.6	47
100	Uptake and elimination kinetics of metals in soil invertebrates: A review. <i>Environmental Pollution</i> , 2014, 193, 277-295.	3.7	96
101	Integrating transcriptomics into triad-based soil quality assessment. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 900-909.	2.2	12
102	A combined toxicokinetics and toxicodynamics approach to assess the effect of porewater composition on cadmium bioavailability to <i>Folsomia candida</i> . <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1570-1577.	2.2	19
103	Modeling cadmium and nickel toxicity to earthworms with the free ion approach. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 438-446.	2.2	4
104	Soil acidification increases metal extractability and bioavailability in old orchard soils of Northeast Jiaodong Peninsula in China. <i>Environmental Pollution</i> , 2014, 188, 144-152.	3.7	90
105	Pesticide residues in sediments and aquatic species in Lake Nokoué and Cotonou Lagoon in the Republic of Bénin. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 77-86.	1.3	13
106	The relationship between metal toxicity and biotic ligand binding affinities in aquatic and soil organisms: A review. <i>Environmental Pollution</i> , 2014, 195, 133-147.	3.7	49
107	Effect of soil organic matter content and pH on the toxicity of ZnO nanoparticles to <i>Folsomia candida</i> . <i>Ecotoxicology and Environmental Safety</i> , 2014, 108, 9-15.	2.9	58
108	Bioaccumulation and toxicity of silver nanoparticles and silver nitrate to the soil arthropod <i>Folsomia candida</i> . <i>Ecotoxicology</i> , 2014, 23, 1629-1637.	1.1	71

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109	Assessment of the bioavailability and toxicity of lead polluted soils using a combination of chemical approaches and bioassays with the collembolan <i>Folsomia candida</i> . <i>Journal of Hazardous Materials</i> , 2014, 280, 524-530.	6.5	28
110	Determining the bioavailability and toxicity of lead contamination to earthworms requires using a combination of physicochemical and biological methods. <i>Environmental Pollution</i> , 2014, 185, 1-9.	3.7	53
111	Modelling uptake and toxicity of nickel in solution to <i>Enchytraeus crypticus</i> with biotic ligand model theory. <i>Environmental Pollution</i> , 2014, 188, 17-26.	3.7	15
112	Toxicokinetics of metals in the earthworm <i>Lumbricus rubellus</i> exposed to natural polluted soils – relevance of laboratory tests to the field situation. <i>Environmental Pollution</i> , 2014, 190, 123-132.	3.7	62
113	Contribution of soil properties of shooting fields to lead bioavailability and toxicity to <i>Enchytraeus crypticus</i> . <i>Soil Biology and Biochemistry</i> , 2014, 76, 235-241.	4.2	31
114	Health Risks Associated With Pesticide Residues in Sediments, Fish, and Plants From the Ouzou Valley in the Republic of Bénin. <i>Archives of Environmental Contamination and Toxicology</i> , 2013, 65, 260-265.	2.1	12
115	The influence of calcium and pH on the uptake and toxicity of copper in <i>Folsomia candida</i> exposed to simplified soil solutions. <i>Journal of Hazardous Materials</i> , 2013, 261, 405-413.	6.5	18
116	Influence of Fishing Technique on Organochlorine Pesticide Accumulation in Fish and its Possible Human Health Risk in the Republic of Bénin. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 91, 278-282.	1.3	5
117	Dynamic bioavailability of copper in soil estimated by uptake and elimination kinetics in the springtail <i>Folsomia candida</i> . <i>Ecotoxicology</i> , 2013, 22, 308-318.	1.1	32
118	Transcriptional responses indicate attenuated oxidative stress in the springtail <i>Folsomia candida</i> exposed to mixtures of cadmium and phenanthrene. <i>Ecotoxicology</i> , 2013, 22, 619-631.	1.1	19
119	Sorption, dissolution and pH determine the long-term equilibration and toxicity of coated and uncoated ZnO nanoparticles in soil. <i>Environmental Pollution</i> , 2013, 178, 59-64.	3.7	87
120	The effect of pH on the toxicity of zinc oxide nanoparticles to <i>Folsomia candida</i> in amended field soil. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2349-2355.	2.2	63
121	Using a toxicokinetics approach to explain the effect of soil pH on cadmium bioavailability to <i>Folsomia candida</i> . <i>Environmental Pollution</i> , 2013, 180, 122-130.	3.7	64
122	Influence of Ca and pH on the uptake and effects of Cd in <i>Folsomia candida</i> exposed to simplified soil solutions. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1759-1767.	2.2	20
123	Microbial community structure and functioning along metal pollution gradients. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1992-2002.	2.2	102
124	Toxicodynamics of copper and cadmium in <i>Folsomia candida</i> exposed to simulated soil solutions. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2746-2754.	2.2	20
125	Toxicokinetics and toxicodynamics of nickel in <i>Enchytraeus crypticus</i> . <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1835-1841.	2.2	36
126	Influence of soil pH on the toxicity of zinc oxide nanoparticles to the terrestrial isopod <i>Porcellionides pruinosus</i> . <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2808-2815.	2.2	41

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127	Soil ecotoxicology: state of the art and future directions. ZooKeys, 2012, 176, 275-296.	0.5	144
128	Influence of earthworm activity on microbial communities related with the degradation of persistent pollutants. Environmental Toxicology and Chemistry, 2012, 31, 794-803.	2.2	31
129	Metal-based nanoparticles in soil: Fate, behavior, and effects on soil invertebrates. Environmental Toxicology and Chemistry, 2012, 31, 1679-1692.	2.2	355
130	Cadmium affects toxicokinetics of pyrene in the collembolan Folsomia candida. Ecotoxicology, 2012, 21, 795-802.	1.1	23
131	Enchytraeus crypticus as model species in soil ecotoxicology. Chemosphere, 2012, 87, 1222-1227.	4.2	96
132	Ecotoxicological assessment of metal-polluted urban soils using bioassays with three soil invertebrates. Chemosphere, 2012, 88, 418-425.	4.2	56
133	Effect of long-term equilibration on the toxicity of molybdenum to soil organisms. Environmental Pollution, 2012, 162, 1-7.	3.7	37
134	The influence of soil properties on the toxicity of molybdenum to three species of soil invertebrates. Ecotoxicology and Environmental Safety, 2011, 74, 1-9.	2.9	61
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