

# Mnica Amorim

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/1503094/monica-amorim-publications-by-year.pdf>

**Version:** 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

147 papers	2,924 citations	31 h-index	44 g-index
160 ext. papers	3,455 ext. citations	6.7 avg, IF	5.71 L-index

#	Paper	IF	Citations
147	Toxicokinetics and toxicodynamics of copper and cadmium in the soil invertebrate <i>Enchytraeus crypticus</i> (Oligochaeta).. <i>Ecotoxicology and Environmental Safety</i> , <b>2022</b> , 236, 113485	7	0
146	Molecular mechanisms of zinc toxicity in the potworm <i>Enchytraeus crypticus</i> , analysed by high-throughput gene expression profiling.. <i>Science of the Total Environment</i> , <b>2022</b> , 825, 153975	10.2	1
145	The role of nanoplastics on the toxicity of the herbicide phenmedipham, using <i>Danio rerio</i> embryos as model organisms.. <i>Environmental Pollution</i> , <b>2022</b> , 119166	9.3	1
144	Assessment of diphenhydramine toxicity - Is its mode of action conserved between human and zebrafish?. <i>Environment International</i> , <b>2022</b> , 164, 107263	12.9	0
143	On virus and nanomaterials [Lessons learned from the innate immune system [ACE activation in the invertebrate model <i>Enchytraeus crypticus</i> . <i>Journal of Hazardous Materials</i> , <b>2022</b> , 436, 129173	12.8	0
142	The Curious Case of Earthworms and COVID-19. <i>Biology</i> , <b>2021</b> , 10,	4.9	1
141	Impact of chromium on the soil invertebrate model <i>Enchytraeus crypticus</i> (Oligochaeta) in standard reproduction and full life cycle tests. <i>Chemosphere</i> , <b>2021</b> , 291, 132751	8.4	0
140	Nanopharmaceuticals (Au-NPs) after use: Experiences with a complex higher tier test design simulating environmental fate and effect. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 227, 112949	7	0
139	Bridging international approaches on nanoEHS. <i>Nature Nanotechnology</i> , <b>2021</b> , 16, 608-611	28.7	3
138	Toxicokinetics of copper and cadmium in the soil model <i>Enchytraeus crypticus</i> (Oligochaeta). <i>Chemosphere</i> , <b>2021</b> , 270, 129433	8.4	4
137	Confirmatory assays for transient changes of omics in soil invertebrates - Copper materials in a multigenerational exposure. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 402, 123500	12.8	7
136	Ecotoxicological and regulatory aspects of environmental sustainability of nanopesticides. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 404, 124148	12.8	37
135	Toxicity of fungicides to terrestrial non-target fauna - Formulated products versus active ingredients (azoxystrobin, cyproconazole, prothioconazole, tebuconazole) - A case study with <i>Enchytraeus crypticus</i> (Oligochaeta). <i>Science of the Total Environment</i> , <b>2021</b> , 754, 142098	10.2	6
134	Machine learning and materials modelling interpretation of toxicological response to TiO nanoparticles library (UV and non-UV exposure). <i>Nanoscale</i> , <b>2021</b> , 13, 14666-14678	7.7	2
133	Toxicokinetics of Ag (nano)materials in the soil model <i>Enchytraeus crypticus</i> (Oligochaeta) [Impact of aging and concentration. <i>Environmental Science: Nano</i> , <b>2021</b> , 8, 2629-2640	7.1	2
132	Embryotoxicity of silver nanomaterials (Ag NM300k) in the soil invertebrate <i>Enchytraeus crypticus</i> - Functional assay detects Ca channels shutdown.. <i>NanoImpact</i> , <b>2021</b> , 21, 100300	5.6	1
131	Polystyrene Nanoplastics Can Alter the Toxicological Effects of Simvastatin on. <i>Toxics</i> , <b>2021</b> , 9,	4.7	5

130	Plastic pollution - A case study with <i>Enchytraeus crypticus</i> - From micro-to nanoplastics. <i>Environmental Pollution</i> , <b>2021</b> , 271, 116363	9.3	7
129	Environmental Hazards of Boron and Vanadium Nanoparticles in the Terrestrial Ecosystem-A Case Study with. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	2
128	Is the Synthetic Fungicide Fosetyl-Al Safe for the Ecotoxicological Models <i>Danio rerio</i> and <i>Enchytraeus crypticus</i> ?. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 7209	2.6	3
127	Annelid genomes: <i>Enchytraeus crypticus</i> , a soil model for the innate (and primed) immune system. <i>Lab Animal</i> , <b>2021</b> , 50, 285-294	0.4	3
126	Toxicity of boron and vanadium nanoparticles on <i>Danio rerio</i> embryos - Phenotypical, biochemical, and behavioral alterations. <i>Aquatic Toxicology</i> , <b>2021</b> , 238, 105930	5.1	3
125	Alternative test methods for (nano)materials hazards assessment: Challenges and recommendations for regulatory preparedness. <i>Nano Today</i> , <b>2021</b> , 40, 101242	17.9	4
124	Multimomics assessment in <i>Enchytraeus crypticus</i> exposed to Ag nanomaterials (Ag NM300K) and ions (AgNO) - Metabolomics, proteomics (& transcriptomics). <i>Environmental Pollution</i> , <b>2021</b> , 286, 117571	9.3	5
123	Biomass ash formulations as sustainable improvers for mining soil health recovery: Linking soil properties and ecotoxicity. <i>Environmental Pollution</i> , <b>2021</b> , 291, 118165	9.3	2
122	How Can Nanoplastics Affect the Survival, Reproduction, and Behaviour of the Soil Model <i>Enchytraeus crypticus</i> ?. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 7674	2.6	1
121	Developing an epigenetics model species - From blastula to mature adult, life cycle methylation profile of <i>Enchytraeus crypticus</i> (Oligochaete). <i>Science of the Total Environment</i> , <b>2020</b> , 732, 139079	10.2	4
120	Multigenerational Exposure to WCCo Nanomaterials-Epigenetics in the Soil Invertebrate. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	7
119	Effects of Amorphous Silica Nanopowders on the Avoidance Behavior of Five Soil Species-A Screening Study. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	7
118	Epigenetic effects of (nano)materials in environmental species - Cu case study in <i>Enchytraeus crypticus</i> . <i>Environment International</i> , <b>2020</b> , 136, 105447	12.9	23
117	Environmental hazard testing of nanobiomaterials. <i>Environmental Sciences Europe</i> , <b>2020</b> , 32,	5	8
116	Novel understanding of toxicity in a life cycle perspective - The mechanisms that lead to population effect - The case of Ag (nano)materials. <i>Environmental Pollution</i> , <b>2020</b> , 262, 114277	9.3	12
115	The toxicity of silver nanomaterials (NM 300K) is reduced when combined with N-Acetylcysteine: Hazard assessment on <i>Enchytraeus crypticus</i> . <i>Environmental Pollution</i> , <b>2020</b> , 256, 113484	9.3	7
114	Risk Management Framework for Nano-Biomaterials Used in Medical Devices and Advanced Therapy Medicinal Products. <i>Materials</i> , <b>2020</b> , 13,	3.5	11
113	On the safety of nanoformulations to non-target soil invertebrates In atrazine case study. <i>Environmental Science: Nano</i> , <b>2019</b> , 6, 1950-1958	7.1	18

112	Graphene-Based Nanomaterials in Soil: Ecotoxicity Assessment Using Reduced Full Life Cycle. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	10
111	Assessing the toxicity of safer by design CuO surface-modifications using terrestrial multispecies assays. <i>Science of the Total Environment</i> , <b>2019</b> , 678, 457-465	10.2	7
110	Multigenerational exposure to cobalt (CoCl) and WCCo nanoparticles in. <i>Nanotoxicology</i> , <b>2019</b> , 13, 751-760	5.9	9
109	Novel egg life-stage test with <i>Folsomia candida</i> - A case study with Cadmium (Cd). <i>Science of the Total Environment</i> , <b>2019</b> , 647, 121-126	10.2	4
108	Cell Testing with Soil Invertebrates-Challenges and Opportunities toward Modeling the Effect of Nanomaterials: A Surface-Modified CuO Case Study. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	7
107	Exposure of <i>Folsomia candida</i> (Willem 1902) to teflubenzuron over three generations [Increase of toxicity in the third generation. <i>Applied Soil Ecology</i> , <b>2019</b> , 134, 8-14	5	7
106	High-throughput transcriptomics: Insights into the pathways involved in (nano) nickel toxicity in a key invertebrate test species. <i>Environmental Pollution</i> , <b>2019</b> , 245, 131-140	9.3	20
105	Multigenerational exposure of <i>Folsomia candida</i> to ivermectin [Using avoidance, survival, reproduction, size and cellular markers as endpoints. <i>Geoderma</i> , <b>2019</b> , 337, 273-279	6.7	16
104	High-throughput tool to discriminate effects of NMs (Cu-NPs, Cu-nanowires, CuNO, and Cu salt aged): transcriptomics in <i>Enchytraeus crypticus</i> . <i>Nanotoxicology</i> , <b>2018</b> , 12, 325-340	5.3	22
103	Interactions of Soil Species Exposed to CuO NMs are Different From Cu Salt: A Multispecies Test. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 4413-4421	10.3	17
102	Multigenerational exposure of <i>Folsomia candida</i> to silver: Effect of different contamination scenarios (continuous versus pulsed and recovery). <i>Science of the Total Environment</i> , <b>2018</b> , 631-632, 326-333	10.3	7
101	Environmental Impacts by Fragments Released from Nanoenabled Products: A Multiassay, Multimaterial Exploration by the SUN Approach. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 1514-1524	10.3	30
100	Implementing the DF4 in a robust model, allowing for enhanced comparison, prioritisation and grouping of Nanomaterials. <i>Regulatory Toxicology and Pharmacology</i> , <b>2018</b> , 92, 207-212	3.4	6
99	Environmental fate and effect of biodegradable electro-spun scaffolds (biomaterial)-a case study. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2018</b> , 29, 51	4.5	6
98	Population-specific transcriptional differences associated with freeze tolerance in a terrestrial worm. <i>Ecology and Evolution</i> , <b>2018</b> , 8, 3774-3786	2.8	10
97	Exploring DNA methylation patterns in copper exposed <i>Folsomia candida</i> and <i>Enchytraeus crypticus</i> . <i>Pedobiologia</i> , <b>2018</b> , 66, 52-57	1.7	9
96	Earthworm avoidance of silver nanomaterials over time. <i>Environmental Pollution</i> , <b>2018</b> , 239, 751-756	9.3	22
95	The Proteome of <i>Enchytraeus crypticus</i> -Exposure to CuO Nanomaterial and CuCl <sub>2</sub> -in Pursue of a Mechanistic Interpretation. <i>Proteomics</i> , <b>2018</b> , 18, e1800091	4.8	11

94	High-throughput gene expression in soil invertebrate embryos - Mechanisms of Cd toxicity in <i>Enchytraeus crypticus</i> . <i>Chemosphere</i> , <b>2018</b> , 212, 87-94	8.4	12
93	Silver (nano)materials cause genotoxicity in <i>Enchytraeus crypticus</i> , as determined by the comet assay. <i>Environmental Toxicology and Chemistry</i> , <b>2018</b> , 37, 184-191	3.8	15
92	Mechanisms of (photo)toxicity of TiO nanomaterials (NM103, NM104, NM105): using high-throughput gene expression in <i>Enchytraeus crypticus</i> . <i>Nanoscale</i> , <b>2018</b> , 10, 21960-21970	7.7	12
91	Fate and Effect of Nano Tungsten Carbide Cobalt (WCCo) in the Soil Environment: Observing a Nanoparticle Specific Toxicity in <i>Enchytraeus crypticus</i> . <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 11394-11401	10.3	15
90	Mixture toxicity assessment of a biocidal product based on reproduction and avoidance behaviour of the collembolan <i>Folsomia candida</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 165, 284-290	7	3
89	Hazard assessment of the veterinary pharmaceuticals monensin and ncarbazine using a soil test battery. <i>Environmental Toxicology and Chemistry</i> , <b>2018</b> , 37, 3145-3153	3.8	4
88	Identifying conserved UV exposure genes and mechanisms. <i>Scientific Reports</i> , <b>2018</b> , 8, 8605	4.9	4
87	The <i>Enchytraeus crypticus</i> stress metabolome - CuO NM case study. <i>Nanotoxicology</i> , <b>2018</b> , 12, 766-780	5.3	10
86	Effects of copper oxide nanomaterials (CuONMs) are life stage dependent - full life cycle in <i>Enchytraeus crypticus</i> . <i>Environmental Pollution</i> , <b>2017</b> , 224, 117-124	9.3	42
85	<i>Enchytraeus crypticus</i> fitness: effect of density on a two-generation study. <i>Ecotoxicology</i> , <b>2017</b> , 26, 570-575	5.5	7
84	High-throughput transcriptomics reveals uniquely affected pathways: AgNPs, PVP-coated AgNPs and Ag NM300K case studies. <i>Environmental Science: Nano</i> , <b>2017</b> , 4, 929-937	7.1	26
83	Multigenerational effects of copper nanomaterials (CuONMs) are different of those of CuCl: exposure in the soil invertebrate <i>Enchytraeus crypticus</i> . <i>Scientific Reports</i> , <b>2017</b> , 7, 8457	4.9	33
82	Nanomaterials to microplastics: Swings and roundabouts. <i>Nano Today</i> , <b>2017</b> , 17, 7-10	17.9	17
81	Variation-preserving normalization unveils blind spots in gene expression profiling. <i>Scientific Reports</i> , <b>2017</b> , 7, 42460	4.9	13
80	Hazard assessment of nickel nanoparticles in soil-The use of a full life cycle test with <i>Enchytraeus crypticus</i> . <i>Environmental Toxicology and Chemistry</i> , <b>2017</b> , 36, 2934-2941	3.8	31
79	Shorter lifetime of a soil invertebrate species when exposed to copper oxide nanoparticles in a full lifespan exposure test. <i>Scientific Reports</i> , <b>2017</b> , 7, 1355	4.9	30
78	Does long term low impact stress cause population extinction?. <i>Environmental Pollution</i> , <b>2017</b> , 220, 1014-1023	9.1	16
77	Nanomaterials in the Environment: Perspectives on in Vivo Terrestrial Toxicity Testing. <i>Frontiers in Environmental Science</i> , <b>2017</b> , 5,	4.8	5

76	Energy reserves and cellular energy allocation studies: Should food supply be provided?. <i>Geoderma</i> , <b>2016</b> , 284, 51-56	6.7	2
75	Effects of Ag nanomaterials (NM300K) and Ag salt (AgNO <sub>3</sub> ) can be discriminated in a full life cycle long term test with <i>Enchytraeus crypticus</i> . <i>Journal of Hazardous Materials</i> , <b>2016</b> , 318, 608-614	12.8	48
74	<i>Enchytraeus crypticus</i> (Oligochaeta) is able to regenerate. Considerations for a standard ecotoxicological species. <i>Applied Soil Ecology</i> , <b>2016</b> , 107, 320-323	5	5
73	Effect of Cu and Ni on cellular energy allocation in <i>Enchytraeus albidus</i> . <i>Ecotoxicology</i> , <b>2016</b> , 25, 1523-1530	9.3	5
72	Effect of freeze-thaw cycles and 4-nonylphenol on cellular energy allocation in the freeze-tolerant enchytraeid <i>Enchytraeus albidus</i> . <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 3548-55	5.1	1
71	The way forward for risk assessment of nanomaterials in solid media. <i>Environmental Pollution</i> , <b>2016</b> , 218, 1363-1364	9.3	8
70	Effects of ivermectin on <i>Danio rerio</i> : a multiple endpoint approach: behaviour, weight and subcellular markers. <i>Ecotoxicology</i> , <b>2016</b> , 25, 491-9	2.9	32
69	Effect assessment of engineered nanoparticles in solid media - Current insight and the way forward. <i>Environmental Pollution</i> , <b>2016</b> , 218, 1370-1375	9.3	21
68	Uptake and Elimination of 4-Nonylphenol in the Enchytraeid <i>Enchytraeus albidus</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2016</b> , 96, 156-61	2.7	2
67	Adaptations of enchytraeids to single and combined effects of physical and chemical stressors. <i>Environmental Reviews</i> , <b>2016</b> , 24, 1-12	4.5	17
66	Mechanisms of phenanthrene toxicity in the soil invertebrate, <i>Enchytraeus crypticus</i> . <i>Environmental Toxicology and Chemistry</i> , <b>2016</b> , 35, 2713-2720	3.8	11
65	Effects of europium polyoxometalate encapsulated in silica nanoparticles (nanocarriers) in soil invertebrates. <i>Journal of Nanoparticle Research</i> , <b>2016</b> , 18, 1	2.3	9
64	Transcriptomic effects of the non-steroidal anti-inflammatory drug Ibuprofen in the marine bivalve <i>Mytilus galloprovincialis</i> Lam. <i>Marine Environmental Research</i> , <b>2016</b> , 119, 31-9	3.3	14
63	Development of an embryotoxicity test for <i>Enchytraeus crypticus</i> --the effect of Cd. <i>Chemosphere</i> , <b>2015</b> , 139, 386-92	8.4	18
62	Enchytraeid Reproduction Test(PLUS): hatching, growth and full life cycle test--an optional multi-endpoint test with <i>Enchytraeus crypticus</i> . <i>Ecotoxicology</i> , <b>2015</b> , 24, 1053-63	2.9	52
61	Cu-nanoparticles ecotoxicity--explored and explained?. <i>Chemosphere</i> , <b>2015</b> , 139, 240-5	8.4	36
60	Combined effect of temperature and copper pollution on soil bacterial community: climate change and regional variation aspects. <i>Ecotoxicology and Environmental Safety</i> , <b>2015</b> , 111, 153-9	7	8
59	Normal operating range (NOR) in <i>Enchytraeus albidus</i> ▯ Transcriptional responses to control conditions. <i>Applied Soil Ecology</i> , <b>2015</b> , 85, 1-10	5	4

58	Salinity changes impact of hazardous chemicals in <i>Enchytraeus albidus</i> . <i>Environmental Toxicology and Chemistry</i> , <b>2015</b> , 34, 2159-66	3.8	9
57	Effect of 10 different TiO <sub>2</sub> and ZrO <sub>2</sub> (nano)materials on the soil invertebrate <i>Enchytraeus crypticus</i> . <i>Environmental Toxicology and Chemistry</i> , <b>2015</b> , 34, 2409-16	3.8	19
56	Oxidative Stress Mechanisms Caused by Ag Nanoparticles (NM300K) are Different from Those of AgNO <sub>3</sub> : Effects in the Soil Invertebrate <i>Enchytraeus Crypticus</i> . <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 9589-602	4.6	42
55	Ag Nanoparticles (Ag NM300K) in the Terrestrial Environment: Effects at Population and Cellular Level in <i>Folsomia candida</i> (Collembola). <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 12530-42	4.6	28
54	Cellular Energy Allocation to Assess the Impact of Nanomaterials on Soil Invertebrates ( <i>Enchytraeids</i> ): The Effect of Cu and Ag. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 6858-78	4.6	35
53	Changes in cellular energy allocation in <i>Enchytraeus crypticus</i> exposed to copper and silver--linkage to effects at higher level (reproduction). <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 14241-7	5.1	16
52	Effects of silver nanoparticles to soil invertebrates: oxidative stress biomarkers in <i>Eisenia fetida</i> . <i>Environmental Pollution</i> , <b>2015</b> , 199, 49-55	9.3	57
51	Non-avoidance behaviour in enchytraeids to boric acid is related to the GABAergic mechanism. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 6898-903	5.1	26
50	Development of ecosystems to climate change and the interaction with pollutionUnpredictable changes in community structures. <i>Applied Soil Ecology</i> , <b>2014</b> , 75, 24-32	5	13
49	Oxidative stress biomarkers and metallothionein in <i>Folsomia candida</i> --responses to Cu and Cd. <i>Environmental Research</i> , <b>2014</b> , 133, 164-9	7.9	31
48	Importance of freeze-thaw events in low temperature ecotoxicology of cold tolerant enchytraeids. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 9790-6	10.3	10
47	Antioxidant and neurotoxicity markers in the model organism <i>Enchytraeus albidus</i> (Oligochaeta): mechanisms of response to atrazine, dimethoate and carbendazim. <i>Ecotoxicology</i> , <b>2014</b> , 23, 1220-33	2.9	13
46	Transcriptome assembly and microarray construction for <i>Enchytraeus crypticus</i> , a model oligochaete to assess stress response mechanisms derived from soil conditions. <i>BMC Genomics</i> , <b>2014</b> , 15, 302	4.5	31
45	Response of <i>Enchytraeus crypticus</i> worms to high metal levels in tropical soils polluted by copper smelting. <i>Journal of Geochemical Exploration</i> , <b>2014</b> , 144, 427-432	3.8	18
44	Profiling transcriptomic response of <i>Enchytraeus albidus</i> to Cu and Ni: comparison with Cd and Zn. <i>Environmental Pollution</i> , <b>2014</b> , 186, 75-82	9.3	12
43	Effects of temperature and copper pollution on soil community--extreme temperature events can lead to community extinction. <i>Environmental Toxicology and Chemistry</i> , <b>2013</b> , 32, 2678-85	3.8	15
42	Changes in cellular energy allocation in <i>Enchytraeus albidus</i> when exposed to dimethoate, atrazine, and carbendazim. <i>Environmental Toxicology and Chemistry</i> , <b>2013</b> , 32, 2800-7	3.8	19
41	Worms from the Arctic are better adapted to freezing and high salinity than worms from temperate regions: oxidative stress responses in <i>Enchytraeus albidus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2013</b> , 166, 582-9	2.6	7

40	Exposure of <i>Enchytraeus albidus</i> to Cd and Zn - changes in cellular energy allocation (CEA) and linkage to transcriptional, enzymatic and reproductive effects. <i>Chemosphere</i> , <b>2013</b> , 90, 1305-9	8.4	29
39	Dimethoate affects cholinesterases in <i>Folsomia candida</i> and their locomotion--false negative results of an avoidance behaviour test. <i>Science of the Total Environment</i> , <b>2013</b> , 443, 821-7	10.2	25
38	Interaction between density and Cu toxicity for <i>Enchytraeus crypticus</i> --comparing first and second generation effects. <i>Science of the Total Environment</i> , <b>2013</b> , 458-460, 361-6	10.2	17
37	Mechanisms of response to silver nanoparticles on <i>Enchytraeus albidus</i> (Oligochaeta): survival, reproduction and gene expression profile. <i>Journal of Hazardous Materials</i> , <b>2013</b> , 254-255, 336-344	12.8	67
36	Soil salinity increases survival of freezing in the enchytraeid <i>Enchytraeus albidus</i> . <i>Journal of Experimental Biology</i> , <b>2013</b> , 216, 2732-40	3	17
35	Assessing single and joint effects of chemicals on the survival and reproduction of <i>Folsomia candida</i> (Collembola) in soil. <i>Environmental Pollution</i> , <b>2012</b> , 160, 145-52	9.3	31
34	Toxicity of copper nanoparticles and CuCl <sub>2</sub> salt to <i>Enchytraeus albidus</i> worms: survival, reproduction and avoidance responses. <i>Environmental Pollution</i> , <b>2012</b> , 164, 164-8	9.3	60
33	Energy Basal Levels and Allocation among Lipids, Proteins, and Carbohydrates in <i>Enchytraeus albidus</i> : Changes Related to Exposure to Cu Salt and Cu Nanoparticles. <i>Water, Air, and Soil Pollution</i> , <b>2012</b> , 223, 477-482	2.6	22
32	Differential gene expression analysis in <i>Enchytraeus albidus</i> exposed to natural and chemical stressors at different exposure periods. <i>Ecotoxicology</i> , <b>2012</b> , 21, 213-24	2.9	11
31	Effect of Cu-nanoparticles versus Cu-salt in <i>Enchytraeus albidus</i> (Oligochaeta): differential gene expression through microarray analysis. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2012</b> , 155, 219-27	3.2	30
30	Transcriptional responses in <i>Enchytraeus albidus</i> (Oligochaeta): comparison between cadmium and zinc exposure and linkage to reproduction effects. <i>Environmental Toxicology and Chemistry</i> , <b>2012</b> , 31, 2289-99	3.8	18
29	Effect of Cu-nanoparticles versus one Cu-salt: analysis of stress biomarkers response in <i>Enchytraeus albidus</i> (Oligochaeta). <i>Nanotoxicology</i> , <b>2012</b> , 6, 134-43	5.3	51
28	<i>Enchytraeus albidus</i> microarray: enrichment, design, annotation and database (EnchyBASE). <i>PLoS ONE</i> , <b>2012</b> , 7, e34266	3.7	9
27	Gene expression responses linked to reproduction effect concentrations (EC 10,20,50,90) of dimethoate, atrazine and carbendazim, in <i>Enchytraeus albidus</i> . <i>PLoS ONE</i> , <b>2012</b> , 7, e36068	3.7	22
26	Boric acid as reference substance: pros, cons and standardization. <i>Ecotoxicology</i> , <b>2012</b> , 21, 919-24	2.9	18
25	<i>Enchytraeus crypticus</i> as model species in soil ecotoxicology. <i>Chemosphere</i> , <b>2012</b> , 87, 1222-7	8.4	77
24	Effects of soil properties and time of exposure on gene expression of <i>Enchytraeus albidus</i> (Oligochaeta). <i>Soil Biology and Biochemistry</i> , <b>2011</b> , 43, 2078-2084	7.5	13
23	Interaction between density and Cu toxicity for <i>Enchytraeus crypticus</i> and <i>Eisenia fetida</i> reflecting field scenarios. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 3370-4	10.2	16

22	Reproduction and biochemical responses in <i>Enchytraeus albidus</i> (Oligochaeta) to zinc or cadmium exposures. <i>Environmental Pollution</i> , <b>2011</b> , 159, 1836-43	9.3	43
21	Biochemical characterization of cholinesterases in <i>Enchytraeus albidus</i> and assessment of in vivo and in vitro effects of different soil properties, copper and phenmedipham. <i>Ecotoxicology</i> , <b>2011</b> , 20, 119-30	2.8	30
20	Toxicity and bioaccumulation of phenanthrene in <i>Enchytraeus albidus</i> (Oligochaeta: Enchytraeidae). <i>Environmental Toxicology and Chemistry</i> , <b>2011</b> , 30, 967-72	3.8	18
19	Development of a microarray for <i>Enchytraeus albidus</i> (Oligochaeta): preliminary tool with diverse applications. <i>Environmental Toxicology and Chemistry</i> , <b>2011</b> , 30, 1395-402	3.8	17
18	Predicted no effect concentration (PNEC) for triclosan to terrestrial species (invertebrates and plants). <i>Environment International</i> , <b>2010</b> , 36, 338-343	12.9	47
17	Can avoidance in <i>Enchytraeus albidus</i> be used as a screening parameter for pesticides testing?. <i>Chemosphere</i> , <b>2010</b> , 79, 233-7	8.4	38
16	Basal levels of enzymatic biomarkers and energy reserves in <i>Porcellionides pruinosus</i> . <i>Soil Biology and Biochemistry</i> , <b>2010</b> , 42, 2128-2136	7.5	25
15	Effects of natural and chemical stressors on <i>Enchytraeus albidus</i> : can oxidative stress parameters be used as fast screening tools for the assessment of different stress impacts in soils?. <i>Environment International</i> , <b>2009</b> , 35, 318-24	12.9	39
14	Assessing joint toxicity of chemicals in <i>Enchytraeus albidus</i> (Enchytraeidae) and <i>Porcellionides pruinosus</i> (Isopoda) using avoidance behaviour as an endpoint. <i>Environmental Pollution</i> , <b>2009</b> , 157, 625-36	9.3	86
13	Avoidance test with <i>Enchytraeus albidus</i> (Enchytraeidae): effects of different exposure time and soil properties. <i>Environmental Pollution</i> , <b>2008</b> , 155, 112-6	9.3	57
12	Avoidance tests with earthworms and springtails: defining the minimum exposure time to observe a significant response. <i>Ecotoxicology and Environmental Safety</i> , <b>2008</b> , 71, 545-51	7	44
11	<i>Enchytraeus albidus</i> (Enchytraeidae): a test organism in a standardised avoidance test? Effects of different chemical substances. <i>Environment International</i> , <b>2008</b> , 34, 363-71	12.9	62
10	Adaptation of the Enchytraeid toxicity test for use with natural soil types. <i>European Journal of Soil Biology</i> , <b>2006</b> , 42, S234-S243	2.9	34
9	Identification of the ecological requirements of important terrestrial ecotoxicological test species. <i>Environmental Reviews</i> , <b>2005</b> , 13, 51-83	4.5	121
8	Avoidance behaviour of <i>Enchytraeus albidus</i> : effects of benomyl, carbendazim, phenmedipham and different soil types. <i>Chemosphere</i> , <b>2005</b> , 59, 501-10	8.4	93
7	Effect of different soil types on the enchytraeids <i>Enchytraeus albidus</i> and <i>Enchytraeus luxuriosus</i> using the herbicide Phenmedipham. <i>Chemosphere</i> , <b>2005</b> , 61, 1102-14	8.4	59
6	Effect of soil properties and aging on the toxicity of copper for <i>Enchytraeus albidus</i> , <i>Enchytraeus luxuriosus</i> , and <i>Folsomia candida</i> . <i>Environmental Toxicology and Chemistry</i> , <b>2005</b> , 24, 1875-85	3.8	59
5	Effects of different soil types on the Collembolans <i>Folsomia candida</i> and <i>Hypogastrura assimilis</i> using the herbicide Phenmedipham. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2005</b> , 49, 343-52	3.2	30

4	Tackling the heterogeneity of soils in ecotoxicological testing an euro-soil based approach. <i>Journal of Soils and Sediments</i> , <b>2004</b> , 4, 276-281	3.4	19
3	Bioavailability and toxicokinetics of (14)C-lindane (gamma-HCH) in the enchytraeid <i>Enchytraeus albidus</i> in two soil types: the aging effect. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2002</b> , 43, 221-8	3.2	25
2	Bioaccumulation and elimination of 14C-lindane by <i>Enchytraeus albidus</i> in artificial (OECD) and a natural soil. <i>Chemosphere</i> , <b>2002</b> , 49, 323-9	8.4	30
1	High-throughput transcriptomics reveals mechanisms of nanopesticides [nanoformulation, commercial, active ingredient] finding safe and sustainable-by-design (SSbD) options for the environment. <i>Environmental Science: Nano</i> ,	7.1	1