

# Janeck James Scott-Fordsmand

## List of Publications by Citations

**Source:**

<https://exaly.com/author-pdf/3477552/janeck-james-scott-fordsmand-publications-by-citations.pdf>

**Version:** 2024-04-28

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.

127  
papers

3,611  
citations

34  
h-index

53  
g-index

136  
ext. papers

4,117  
ext. citations

7.1  
avg, IF

5.63  
L-index

#	Paper	IF	Citations
127	Effects of C60 fullerene nanoparticles on soil bacteria and protozoans. <i>Environmental Toxicology and Chemistry</i> , <b>2008</b> , 27, 1895-903	3.8	141
126	Effects of pesticides on soil invertebrates in laboratory studies: a review and analysis using species sensitivity distributions. <i>Environmental Toxicology and Chemistry</i> , <b>2006</b> , 25, 2480-9	3.8	136
125	Limit-test toxicity screening of selected inorganic nanoparticles to the earthworm <i>Eisenia fetida</i> . <i>Ecotoxicology</i> , <b>2011</b> , 20, 226-33	2.9	130
124	ITS-NANO--prioritising nanosafety research to develop a stakeholder driven intelligent testing strategy. <i>Particle and Fibre Toxicology</i> , <b>2014</b> , 11, 9	8.4	112
123	Concern-driven integrated approaches to nanomaterial testing and assessment--report of the NanoSafety Cluster Working Group 10. <i>Nanotoxicology</i> , <b>2014</b> , 8, 334-48	5.3	111
122	The toxicity testing of double-walled nanotubes-contaminated food to <i>Eisenia veneta</i> earthworms. <i>Ecotoxicology and Environmental Safety</i> , <b>2008</b> , 71, 616-9	7	109
121	Grouping and Read-Across Approaches for Risk Assessment of Nanomaterials. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 13415-34	4.6	104
120	Earthworms and humans in vitro: characterizing evolutionarily conserved stress and immune responses to silver nanoparticles. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 4166-73	10.3	80
119	Regulatory ecotoxicity testing of nanomaterials - proposed modifications of OECD test guidelines based on laboratory experience with silver and titanium dioxide nanoparticles. <i>Nanotoxicology</i> , <b>2016</b> , 10, 1442-1447	5.3	80
118	Importance of contamination history for understanding toxicity of copper to earthworm <i>Eisenia fetica</i> (Oligochaeta: Annelida), using neutral-red retention assay. <i>Environmental Toxicology and Chemistry</i> , <b>2000</b> , 19, 1774-1780	3.8	76
117	Frameworks and tools for risk assessment of manufactured nanomaterials. <i>Environment International</i> , <b>2016</b> , 95, 36-53	12.9	73
116	Biomarkers in earthworms. <i>Reviews of Environmental Contamination and Toxicology</i> , <b>2000</b> , 165, 117-59	3.5	71
115	Effects of pesticides on soil invertebrates in model ecosystem and field studies: a review and comparison with laboratory toxicity data. <i>Environmental Toxicology and Chemistry</i> , <b>2006</b> , 25, 2490-501	3.8	68
114	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
113	Species differences take shape at nanoparticles: protein corona made of the native repertoire assists cellular interaction. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 14367-75	10.3	61
112	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
111	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

110	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
109	Effects of pendimethalin at lower trophic levels--a review. <i>Ecotoxicology and Environmental Safety</i> , <b>2004</b> , 57, 190-201	7	51
108	Time-course profiling of molecular stress responses to silver nanoparticles in the earthworm <i>Eisenia fetida</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2013</b> , 98, 219-26	7	50
107	A heavy metal monitoring-programme in Denmark. <i>Science of the Total Environment</i> , <b>1997</b> , 207, 179-186	10.2	49
106	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
105	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
104	Toxicity of Nickel to the Earthworm and the Applicability of the Neutral Red Retention Assay. <i>Ecotoxicology</i> , <b>1998</b> , 7, 291-295	2.9	47
103	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
102	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
101	Responses of <i>Folsomia fimetaria</i> (Collembola: Isotomidae) to copper under different soil copper contamination histories in relation to risk assessment. <i>Environmental Toxicology and Chemistry</i> , <b>2000</b> , 19, 1297-1303	3.8	42
100	Field effects of simazine at lower trophic levels--a review. <i>Science of the Total Environment</i> , <b>2002</b> , 296, 117-37	10.2	41
99	The MARINA Risk Assessment Strategy: A Flexible Strategy for Efficient Information Collection and Risk Assessment of Nanomaterials. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 15007-21	4.6	37
98	Changes in the tissue concentrations and contents of calcium, copper and zinc in the shore crab <i>Carcinus maenas</i> (L.) (Crustacea: Decapoda) during the moult cycle and following copper exposure during ecdysis. <i>Marine Environmental Research</i> , <b>1997</b> , 44, 397-414	3.3	37
97	Ecotoxicological and regulatory aspects of environmental sustainability of nanopesticides. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 404, 124148	12.8	37
96	Cu-nanoparticles ecotoxicity--explored and explained?. <i>Chemosphere</i> , <b>2015</b> , 139, 240-5	8.4	36
95	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
94	Sub-lethal toxicity of the antiparasitic abamectin on earthworms and the application of neutral red retention time as a biomarker. <i>Chemosphere</i> , <b>2007</b> , 68, 744-50	8.4	34
93	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

92	Toxicity of three biocides to springtails and earthworms in a soil multi-species (SMS) test system. <i>Soil Biology and Biochemistry</i> , <b>2014</b> , 74, 115-126	7.5	32
91	Ecotoxicity of the veterinary pharmaceutical ivermectin tested in a soil multi-species (SMS) system. <i>Environmental Pollution</i> , <b>2012</b> , 171, 133-9	9.3	32
90	Sublethal toxicity of copper to a soil-dwelling springtail ( <i>Folsomia fimetaria</i> ) (Collembola: Isotomidae). <i>Environmental Toxicology and Chemistry</i> , <b>1997</b> , 16, 2538-2542	3.8	32
89	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
88	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 <sup>30</sup>	19.3	30
87	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
86	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
85	A unified framework for nanosafety is needed. <i>Nano Today</i> , <b>2014</b> , 9, 546-549	17.9	29
84	Environmental Risk Assessment Strategy for Nanomaterials. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 14,	4.6	29
83	The toxicity of copper contaminated soil using a gnotobiotic Soil Multi-species Test System (SMS). <i>Environment International</i> , <b>2008</b> , 34, 524-30	12.9	29
82	Critical analysis of soil invertebrate biomarkers: a field case study in Avonmouth, UK. <i>Ecotoxicology</i> , <b>2004</b> , 13, 817-22	2.9	29
81	Effects of eight polycyclic aromatic compounds on the survival and reproduction of the springtail <i>Folsomia fimetaria</i> L. (Collembola, isotomidae). <i>Environmental Toxicology and Chemistry</i> , <b>2001</b> , 20, 1332-8	3.8	29
80	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
79	Seasonal variation in heavy metal accumulation in subtropical population of the terrestrial isopod, <i>Porcellio laevis</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2006</b> , 63, 168-74	7	28
78	The influence of application form on the toxicity of nonylphenol to <i>Folsomia fimetaria</i> (Collembola: Isotomidae). <i>Ecotoxicology and Environmental Safety</i> , <b>2004</b> , 58, 294-9	7	28
77	Toxicity of nickel to a soil-dwelling springtail, <i>Folsomia fimetaria</i> (Collembola: Isotomidae). <i>Ecotoxicology and Environmental Safety</i> , <b>1999</b> , 43, 57-61	7	27
76	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
75	Strategies for robust and accurate experimental approaches to quantify nanomaterial bioaccumulation across a broad range of organisms. <i>Environmental Science: Nano</i> , <b>2019</b> , 6,	7.1	26

74	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
73	Nanosilver pathophysiology in earthworms: Transcriptional profiling of secretory proteins and the implication for the protein corona. <i>Nanotoxicology</i> , <b>2016</b> , 10, 303-11	5.3	22
72	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
71	Earthworm avoidance of silver nanomaterials over time. <i>Environmental Pollution</i> , <b>2018</b> , 239, 751-756	9.3	22
70	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
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	Do earthworms mobilize fixed zinc from ingested soil?. <i>Environmental Science &amp; Technology</i> , <b>2004</b> , 38, 3036-9	10.3	21
67	Parametrization of nanoparticles: development of full-particle nanodescriptors. <i>Nanoscale</i> , <b>2016</b> , 8, 16243-16250	4.7	21
66	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
65	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
64	Suitability of lysosomal membrane stability in <i>Eisenia fetida</i> as biomarker of soil copper contamination. <i>Ecotoxicology and Environmental Safety</i> , <b>2011</b> , 74, 984-8	7	19
63	On the safety of nanoformulations to non-target soil invertebrates – An atrazine case study. <i>Environmental Science: Nano</i> , <b>2019</b> , 6, 1950-1958	7.1	18
62	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
61	The Essential Elements of a Risk Governance Framework for Current and Future Nanotechnologies. <i>Risk Analysis</i> , <b>2018</b> , 38, 1321-1331	3.9	18
60	Speciation and solubility of copper along a soil contamination gradient. <i>Journal of Soils and Sediments</i> , <b>2015</b> , 15, 1558-1570	3.4	17
59	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
58	Nanomaterials to microplastics: Swings and roundabouts. <i>Nano Today</i> , <b>2017</b> , 17, 7-10	17.9	17
57	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

56	Responses of earthworms to repeated exposure to three biocides applied singly and as a mixture in an agricultural field. <i>Science of the Total Environment</i> , <b>2015</b> , 505, 223-35	10.2	16
55	Does long term low impact stress cause population extinction?. <i>Environmental Pollution</i> , <b>2017</b> , 220, 1014-1023	10.2	16
54	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
53	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
52	Dose-response curve modeling of excess mortality caused by two forms of stress. <i>Environmental and Ecological Statistics</i> , <b>2002</b> , 9, 195-200	2.2	15
51	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
50	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
49	Development of ecosystems to climate change and the interaction with pollution Unpredictable changes in community structures. <i>Applied Soil Ecology</i> , <b>2014</b> , 75, 24-32	5	13
48	Variation-preserving normalization unveils blind spots in gene expression profiling. <i>Scientific Reports</i> , <b>2017</b> , 7, 42460	4.9	13
47	Genetic variation in the enzyme esterase, bioaccumulation and life history traits in the earthworm <i>Lumbricus rubellus</i> from a metal contaminated area, Avonmouth, England. <i>Ecotoxicology</i> , <b>2004</b> , 13, 773-86	2.9	13
46	Fe-Doped ZnO nanoparticle toxicity: assessment by a new generation of nanodescriptors. <i>Nanoscale</i> , <b>2018</b> , 10, 21985-21993	7.7	13
45	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
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	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
42	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
41	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
40	Insuring nanotech requires effective risk communication. <i>Nature Nanotechnology</i> , <b>2017</b> , 12, 717-719	28.7	11
39	Toxicity of Nickel to Soil Organisms in Denmark. <i>Reviews of Environmental Contamination and Toxicology</i> , <b>1997</b> , 1-34	3.5	11



38	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
37	Selection of an optimal culture medium and the most responsive viability assay to assess AgNPs toxicity with primary cultures of <i>Eisenia fetida</i> coelomocytes. <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 183, 109545	7	10
36	. <i>Environmental Toxicology and Chemistry</i> , <b>2000</b> , 19, 1774	3.8	10
35	The <i>Enchytraeus crypticus</i> stress metabolome - CuO NM case study. <i>Nanotoxicology</i> , <b>2018</b> , 12, 766-780	5.3	10
34	Multigenerational exposure to cobalt (CoCl) and WCCo nanoparticles in. <i>Nanotoxicology</i> , <b>2019</b> , 13, 751-760	5.9	9
33	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
32	The way forward for risk assessment of nanomaterials in solid media. <i>Environmental Pollution</i> , <b>2016</b> , 218, 1363-1364	9.3	8
31	<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
30	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
29	Multigenerational Exposure to WCCo Nanomaterials-Epigenetics in the Soil Invertebrate. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	7
28	Toxicity Testing of Silver Nanoparticles in Artificial and Natural Sediments Using the Benthic Organism <i>Lumbriculus variegatus</i> . <i>Archives of Environmental Contamination and Toxicology</i> , <b>2016</b> , 71, 405-14	3.2	7
27	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
26	Nanomaterials in ecotoxicology. <i>Integrated Environmental Assessment and Management</i> , <b>2008</b> , 4, 126-8	2.5	7
25	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
24	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
23	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
22	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
21	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

20	An Integrated Data-Driven Strategy for Safe-by-Design Nanoparticles: The FP7 MODERN Project. <i>Advances in Experimental Medicine and Biology</i> , <b>2017</b> , 947, 257-301	3.6	5
19	. <i>Environmental Toxicology and Chemistry</i> , <b>2000</b> , 19, 1297	3.8	5
18	Multimiomics 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, 117571-93	9.3	5
17	Developing an epigenetics model species - From blastula to mature adult, life cycle methylation profile of <i>Enchytraeus crypticus</i> (Oligochaeta). <i>Science of the Total Environment</i> , <b>2020</b> , 732, 139079	10.2	4
16	. <i>Environmental Toxicology and Chemistry</i> , <b>1997</b> , 16, 2538	3.8	4
15	Identifying conserved UV exposure genes and mechanisms. <i>Scientific Reports</i> , <b>2018</b> , 8, 8605	4.9	4
14	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
13	Risk Assessment of Engineered Nanomaterials <b>2014</b> , 459-478		3
12	Uncertainty analysis of single-concentration exposure data for risk assessment--introducing the species effect distribution approach. <i>Environmental Toxicology and Chemistry</i> , <b>2006</b> , 25, 3078-81	3.8	3
11	The influence of starvation and copper exposure on the composition of the dorsal carapace and distribution of trace metals in the shore crab <i>Carcinus maenas</i> (L.). <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , <b>1993</b> , 106, 537-543		3
10	Bridging international approaches on nanoEHS. <i>Nature Nanotechnology</i> , <b>2021</b> , 16, 608-611	28.7	3
9	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
8	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
7	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
6	The Curious Case of Earthworms and COVID-19. <i>Biology</i> , <b>2021</b> , 10,	4.9	1
5	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
4	Nano-pesticides: the lunch-box principle-deadly goodies (semio-chemical functionalised nanoparticles that deliver pesticide only to target species).. <i>Journal of Nanobiotechnology</i> , <b>2022</b> , 20, 13	9.4	1
3	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



- 2 Nanopharmaceuticals (Au-NPs) after use: Experiences with a complex higher tier test design simulating environmental fate and effect. *Ecotoxicology and Environmental Safety*, **2021**, 227, 112949 7 0
- 1 Risk of five polycyclic aromatic hydrocarbons in a terrestrial environment: influence of data variability. *Environmental Toxicology and Chemistry*, **2005**, 24, 995-1003 3.8