

Claus Svendsen

List of Publications by Year in descending order

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153
papers

11,681
citations

29994

54
h-index

30010

103
g-index

157
all docs

157
docs citations

157
times ranked

10829
citing authors

#	ARTICLE	IF	CITATIONS
1	Microplastics in freshwater and terrestrial environments: Evaluating the current understanding to identify the knowledge gaps and future research priorities. <i>Science of the Total Environment</i> , 2017, 586, 127-141.	3.9	2,188
2	Large microplastic particles in sediments of tributaries of the River Thames, UK – Abundance, sources and methods for effective quantification. <i>Marine Pollution Bulletin</i> , 2017, 114, 218-226.	2.3	651
3	Interactions between effects of environmental chemicals and natural stressors: A review. <i>Science of the Total Environment</i> , 2010, 408, 3746-3762.	3.9	621
4	SIGNIFICANCE TESTING OF SYNERGISTIC/ANTAGONISTIC, DOSE LEVEL-DEPENDENT, OR DOSE RATIO-DEPENDENT EFFECTS IN MIXTURE DOSE-RESPONSE ANALYSIS. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 2701.	2.2	400
5	Metal-based nanoparticles in soil: Fate, behavior, and effects on soil invertebrates. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 1679-1692.	2.2	355
6	Guidance on harmonised methodologies for human health, animal health and ecological risk assessment of combined exposure to multiple chemicals. <i>EFSA Journal</i> , 2019, 17, e05634.	0.9	201
7	Systems toxicology approaches for understanding the joint effects of environmental chemical mixtures. <i>Science of the Total Environment</i> , 2010, 408, 3725-3734.	3.9	198
8	Deriving Soil Critical Limits for Cu, Zn, Cd, and Pb: A Method Based on Free Ion Concentrations. <i>Environmental Science & Technology</i> , 2004, 38, 3623-3631.	4.6	188
9	'Systems toxicology' approach identifies coordinated metabolic responses to copper in a terrestrial non-model invertebrate, the earthworm <i>Lumbricus rubellus</i> . <i>BMC Biology</i> , 2008, 6, 25.	1.7	168
10	An assessment of the fate, behaviour and environmental risk associated with sunscreen TiO ₂ nanoparticles in UK field scenarios. <i>Science of the Total Environment</i> , 2011, 409, 2503-2510.	3.9	150
11	Microplastic particles reduce reproduction in the terrestrial worm <i>Enchytraeus crypticus</i> in a soil exposure. <i>Environmental Pollution</i> , 2019, 255, 113174.	3.7	150
12	Neutral red retention by lysosomes from earthworm (<i>Lumbricus rubellus</i>) coelomocytes: A simple biomarker of exposure to soil copper. <i>Environmental Toxicology and Chemistry</i> , 1996, 15, 1801-1805.	2.2	132
13	Environmental Metabonomics: Applying Combination Biomarker Analysis in Earthworms at a Metal Contaminated Site. <i>Ecotoxicology</i> , 2004, 13, 797-806.	1.1	128
14	A review of lysosomal membrane stability measured by neutral red retention: is it a workable earthworm biomarker?. <i>Ecotoxicology and Environmental Safety</i> , 2004, 57, 20-29.	2.9	126
15	Relative sensitivity of life-cycle and biomarker responses in four earthworm species exposed to zinc. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 1800-1808.	2.2	125
16	A metabolomics based approach to assessing the toxicity of the polyaromatic hydrocarbon pyrene to the earthworm <i>Lumbricus rubellus</i> . <i>Chemosphere</i> , 2008, 71, 601-609.	4.2	122
17	Metabolic profiling detects early effects of environmental and lifestyle exposure to cadmium in a human population. <i>BMC Medicine</i> , 2012, 10, 61.	2.3	121
18	Metabonomic assessment of toxicity of 4-fluoroaniline, 3,5-difluoroaniline and 2-fluoro-4-methylaniline to the earthworm <i>Eisenia veneta</i> (rosa): Identification of new endogenous biomarkers. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 1966-1972.	2.2	110

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19	Environmental release, fate and ecotoxicological effects of manufactured ceria nanomaterials. <i>Environmental Science: Nano</i> , 2014, 1, 533-548.	2.2	110
20	Chronic toxicity of energetic compounds in soil determined using the earthworm (<i>Eisenia</i>). <i>Environmental Science: Nano</i> , 2014, 1, 533-548.	2.2	109
21	Soil pH effects on the comparative toxicity of dissolved zinc, non-nano and nano ZnO to the earthworm <i>Eisenia fetida</i> . <i>Nanotoxicology</i> , 2014, 8, 559-572.	1.6	108
22	Comparative toxicity of pesticides and environmental contaminants in bees: Are honey bees a useful proxy for wild bee species?. <i>Science of the Total Environment</i> , 2017, 578, 357-365.	3.9	106
23	Toxicity of three binary mixtures to <i>Daphnia magna</i> : Comparing chemical modes of action and deviations from conceptual models. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1716-1726.	2.2	101
24	Toxicological and biochemical responses of the earthworm <i>Lumbricus rubellus</i> to pyrene, a non-carcinogenic polycyclic aromatic hydrocarbon. <i>Chemosphere</i> , 2004, 57, 1675-1681.	4.2	99
25	Measuring and modelling mixture toxicity of imidacloprid and thiacloprid on <i>Caenorhabditis elegans</i> and <i>Eisenia fetida</i> . <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 71-79.	2.9	98
26	Comparative chronic toxicity of nanoparticulate and ionic zinc to the earthworm <i>Eisenia veneta</i> in a soil matrix. <i>Environment International</i> , 2011, 37, 1111-1117.	4.8	97
27	Identification and Quantification of Microplastics in Potable Water and Their Sources within Water Treatment Works in England and Wales. <i>Environmental Science & Technology</i> , 2020, 54, 12326-12334.	4.6	97
28	Metabolic Profile Biomarkers of Metal Contamination in a Sentinel Terrestrial Species Are Applicable Across Multiple Sites. <i>Environmental Science & Technology</i> , 2007, 41, 4458-4464.	4.6	96
29	Transcriptome profiling of developmental and xenobiotic responses in a keystone soil animal, the oligochaete annelid <i>Lumbricus rubellus</i> . <i>BMC Genomics</i> , 2008, 9, 266.	1.2	93
30	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
31	Earthworm species of the genus <i>Eisenia</i> can be phenotypically differentiated by metabolic profiling. <i>FEBS Letters</i> , 2002, 521, 115-120.	1.3	89
32	Metabolomic analysis of soil communities can be used for pollution assessment. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 61-64.	2.2	89
33	Relevance and Applicability of a Simple Earthworm Biomarker of Copper Exposure. I. Links to Ecological Effects in a Laboratory Study with <i>Eisenia andrei</i> . <i>Ecotoxicology and Environmental Safety</i> , 1997, 36, 72-79.	2.9	85
34	A framework for grouping and read-across of nanomaterials- supporting innovation and risk assessment. <i>Nano Today</i> , 2020, 35, 100941.	6.2	80
35	Metabolomics and its use in ecology. <i>Austral Ecology</i> , 2013, 38, 713-720.	0.7	79
36	Soil pH effects on the interactions between dissolved zinc, non-nano- and nano-ZnO with soil bacterial communities. <i>Environmental Science and Pollution Research</i> , 2016, 23, 4120-4128.	2.7	79

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37	Towards a renewed research agenda in ecotoxicology. <i>Environmental Pollution</i> , 2012, 160, 201-206.	3.7	78
38	NEUTRAL RED RETENTION BY LYSOSOMES FROM EARTHWORM (<i>LUMBRICUS RUBELLUS</i>) COELOMOCYTES: A SIMPLE BIOMARKER OF EXPOSURE TO SOIL COPPER. <i>Environmental Toxicology and Chemistry</i> , 1996, 15, 1801.	2.2	78
39	Acute toxicity of organic pesticides to <i>Daphnia magna</i> is unchanged by co-exposure to polystyrene microplastics. <i>Ecotoxicology and Environmental Safety</i> , 2018, 166, 26-34.	2.9	76
40	EFFECT OF pH ON METAL SPECIATION AND RESULTING METAL UPTAKE AND TOXICITY FOR EARTHWORMS. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 788.	2.2	74
41	NanoSolveIT Project: Driving nanoinformatics research to develop innovative and integrated tools for in silico nanosafety assessment. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 583-602.	1.9	74
42	Critical Limits for Hg(II) in soils, derived from chronic toxicity data. <i>Environmental Pollution</i> , 2010, 158, 2465-2471.	3.7	73
43	Semi-automated analysis of microplastics in complex wastewater samples. <i>Environmental Pollution</i> , 2021, 268, 115841.	3.7	72
44	¹ H NMR spectroscopic investigations of tissue metabolite biomarker response to Cu II exposure in terrestrial invertebrates: identification of free histidine as a novel biomarker of exposure to copper in earthworms. <i>Biomarkers</i> , 1997, 2, 295-302.	0.9	70
45	Biological assessment of contaminated land using earthworm biomarkers in support of chemical analysis. <i>Science of the Total Environment</i> , 2004, 330, 9-20.	3.9	70
46	Use of an earthworm lysosomal biomarker for the ecological assessment of pollution from an industrial plastics fire. <i>Applied Soil Ecology</i> , 1996, 3, 99-107.	2.1	69
47	Responses of earthworms (<i>Lumbricus rubellus</i>) to copper and cadmium as determined by measurement of juvenile traits in a specifically designed test system. <i>Ecotoxicology and Environmental Safety</i> , 2004, 57, 54-64.	2.9	66
48	Key principles and operational practices for improved nanotechnology environmental exposure assessment. <i>Nature Nanotechnology</i> , 2020, 15, 731-742.	15.6	66
49	Glutathione transferase (GST) as a candidate molecular-based biomarker for soil toxin exposure in the earthworm <i>Lumbricus rubellus</i> . <i>Environmental Pollution</i> , 2009, 157, 2459-2469.	3.7	65
50	Earthworms ingest microplastic fibres and nanoplastics with effects on egestion rate and long-term retention. <i>Science of the Total Environment</i> , 2022, 807, 151022.	3.9	62
51	Toxicity of cerium oxide nanoparticles to the earthworm <i>Eisenia fetida</i> : subtle effects. <i>Environmental Chemistry</i> , 2014, 11, 268.	0.7	60
52	Different routes, same pathways: Molecular mechanisms under silver ion and nanoparticle exposures in the soil sentinel <i>Eisenia fetida</i> . <i>Environmental Pollution</i> , 2015, 205, 385-393.	3.7	60
53	Metal Effects on Soil Invertebrate Feeding: Measurements Using the Bait Lamina Method. <i>Ecotoxicology</i> , 2004, 13, 807-816.	1.1	58
54	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

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55	Earthworm Uptake Routes and Rates of Ionic Zn and ZnO Nanoparticles at Realistic Concentrations, Traced Using Stable Isotope Labeling. <i>Environmental Science & Technology</i> , 2016, 50, 412-419.	4.6	57
56	Multigenerational exposure to silver ions and silver nanoparticles reveals heightened sensitivity and epigenetic memory in <i>Caenorhabditis elegans</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152911.	1.2	54
57	Complementary Imaging of Silver Nanoparticle Interactions with Green Algae: Dark-Field Microscopy, Electron Microscopy, and Nanoscale Secondary Ion Mass Spectrometry. <i>ACS Nano</i> , 2017, 11, 10894-10902.	7.3	54
58	Investigating combined toxicity of binary mixtures in bees: Meta-analysis of laboratory tests, modelling, mechanistic basis and implications for risk assessment. <i>Environment International</i> , 2019, 133, 105256.	4.8	54
59	Models for assessing engineered nanomaterial fate and behaviour in the aquatic environment. <i>Current Opinion in Environmental Sustainability</i> , 2019, 36, 105-115.	3.1	54
60	Comparing bee species responses to chemical mixtures: Common response patterns?. <i>PLoS ONE</i> , 2017, 12, e0176289.	1.1	54
61	Pedological Characterisation of Sites Along a Transect from a Primary Cadmium/Lead/Zinc Smelting Works. <i>Ecotoxicology</i> , 2004, 13, 725-737.	1.1	53
62	Earthworm responses to Cd and Cu under fluctuating environmental conditions: a comparison with results from laboratory exposures. <i>Environmental Pollution</i> , 2005, 136, 443-452.	3.7	53
63	Measurement and modeling of the toxicity of binary mixtures in the nematode <i>Caenorhabditis elegans</i> – a test of independent action. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 97-104.	2.2	52
64	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
65	Modelling the joint effects of a metal and a pesticide on reproduction and toxicokinetics in Lumbricid earthworms. <i>Environment International</i> , 2011, 37, 663-670.	4.8	50
66	Hierarchical Responses of Soil Invertebrates (Earthworms) to Toxic Metal Stress. <i>Environmental Science & Technology</i> , 2005, 39, 5327-5334.	4.6	49
67	Analytical approaches to support current understanding of exposure, uptake and distributions of engineered nanoparticles by aquatic and terrestrial organisms. <i>Ecotoxicology</i> , 2015, 24, 239-261.	1.1	49
68	Validation of metabolomics for toxic mechanism of action screening with the earthworm <i>Lumbricus rubellus</i> . <i>Metabolomics</i> , 2009, 5, 72-83.	1.4	48
69	Potential New Method of Mixture Effects Testing Using Metabolomics and <i>Caenorhabditis elegans</i> . <i>Journal of Proteome Research</i> , 2012, 11, 1446-1453.	1.8	48
70	Quality evaluation of human and environmental toxicity studies performed with nanomaterials – the GUIDEnano approach. <i>Environmental Science: Nano</i> , 2018, 5, 381-397.	2.2	48
71	The use of a lysosome assay for the rapid assessment of cellular stress from copper to the freshwater snail <i>Viviparus conctectus</i> (Millet). <i>Marine Pollution Bulletin</i> , 1995, 31, 139-142.	2.3	47
72	Linking toxicant physiological mode of action with induced gene expression changes in <i>Caenorhabditis elegans</i> . <i>BMC Systems Biology</i> , 2010, 4, 32.	3.0	46

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73	Can the joint effect of ternary mixtures be predicted from binary mixture toxicity results?. <i>Science of the Total Environment</i> , 2012, 427-428, 229-237.	3.9	45
74	Toxic interactions of different silver forms with freshwater green algae and cyanobacteria and their effects on mechanistic endpoints and the production of extracellular polymeric substances. <i>Environmental Science: Nano</i> , 2016, 3, 396-408.	2.2	45
75	A metabolomics based test of independent action and concentration addition using the earthworm <i>Lumbricus rubellus</i> . <i>Ecotoxicology</i> , 2012, 21, 1436-1447.	1.1	44
76	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
77	Relevance and Applicability of a Simple Earthworm Biomarker of Copper Exposure. II. Validation and Applicability under Field Conditions in a Mesocosm Experiment with <i>Lumbricus rubellus</i> . <i>Ecotoxicology and Environmental Safety</i> , 1997, 36, 80-88.	2.9	41
78	Comparison of instantaneous rate of population increase and critical-effect estimates in <i>Folsomia candida</i> exposed to four toxicants. <i>Ecotoxicology and Environmental Safety</i> , 2004, 57, 175-183.	2.9	41
79	Quantifying copper and cadmium impacts on intrinsic rate of population increase in the terrestrial oligochaete <i>Lumbricus rubellus</i> . <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 1465-1472.	2.2	40
80	Toxicological, cellular and gene expression responses in earthworms exposed to copper and cadmium. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2004, 138, 11-21.	1.3	39
81	Similarity, independence, or interaction for binary mixture effects of nerve toxicants for the nematode <i>Caenorhabditis elegans</i> . <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1182-1191.	2.2	39
82	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
83	Predicting acute contact toxicity of organic binary mixtures in honey bees (<i>A. mellifera</i>) through innovative QSAR models. <i>Science of the Total Environment</i> , 2020, 704, 135302.	3.9	38
84	Comparative Transcriptomic Responses to Chronic Cadmium, Fluoranthene, and Atrazine Exposure in <i>Lumbricus rubellus</i> . <i>Environmental Science & Technology</i> , 2008, 42, 4208-4214.	4.6	37
85	Addressing Nanomaterial Immunosafety by Evaluating Innate Immunity across Living Species. <i>Small</i> , 2020, 16, e2000598.	5.2	35
86	Modelling the effects of copper on soil organisms and processes using the free ion approach: Towards a multi-species toxicity model. <i>Environmental Pollution</i> , 2013, 178, 244-253.	3.7	34
87	Hormesis depends upon the life-stage and duration of exposure: Examples for a pesticide and a nanomaterial. <i>Ecotoxicology and Environmental Safety</i> , 2015, 120, 117-123.	2.9	34
88	Toxicogenomic responses of <i>Caenorhabditis elegans</i> to pristine and transformed zinc oxide nanoparticles. <i>Environmental Pollution</i> , 2019, 247, 917-926.	3.7	34
89	Explaining density-dependent regulation in earthworm populations using life-history analysis. <i>Oikos</i> , 2003, 100, 89-95.	1.2	33
90	A new medium for <i>Caenorhabditis elegans</i> toxicology and nanotoxicology studies designed to better reflect natural soil solution conditions. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1711-1717.	2.2	33

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91	Sewage sludge treated with metal nanomaterials inhibits earthworm reproduction more strongly than sludge treated with metal metals in bulk/salt forms. <i>Environmental Science: Nano</i> , 2017, 4, 78-88.	2.2	33
92	Harmonizing across environmental nanomaterial testing media for increased comparability of nanomaterial datasets. <i>Environmental Science: Nano</i> , 2020, 7, 13-36.	2.2	32
93	Radical Cation of N,N-Dimethylpiperazine: A Dramatic Structural Effects of Orbital Interactions through Bonds. <i>Journal of the American Chemical Society</i> , 1998, 120, 3748-3757.	6.6	31
94	Critical Analysis of Soil Invertebrate Biomarkers: A Field Case Study in Avonmouth, UK. <i>Ecotoxicology</i> , 2004, 13, 817-822.	1.1	31
95	Toxicokinetic studies reveal variability in earthworm pollutant handling. <i>Pedobiologia</i> , 2011, 54, S217-S222.	0.5	31
96	Genomic mutations after multigenerational exposure of <i>Caenorhabditis elegans</i> to pristine and sulfidized silver nanoparticles. <i>Environmental Pollution</i> , 2019, 254, 113078.	3.7	31
97	Three-phase metal kinetics in terrestrial invertebrates exposed to high metal concentrations. <i>Science of the Total Environment</i> , 2010, 408, 3794-3802.	3.9	30
98	Evaluation of tissue and cellular biomarkers to assess 2,4,6-trinitrotoluene (TNT) exposure in earthworms: effects-based assessment in laboratory studies using <i>Eisenia andrei</i> . <i>Biomarkers</i> , 2002, 7, 306-321.	0.9	29
99	COMBINED CHEMICAL (FLUORANTHENE) AND DROUGHT EFFECTS ON <i>LUMBRICUS RUBELLUS</i> DEMONSTRATE THE APPLICABILITY OF THE INDEPENDENT ACTION MODEL FOR MULTIPLE STRESSOR ASSESSMENT. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 629.	2.2	29
100	Earthworms Produce phytochelatins in Response to Arsenic. <i>PLoS ONE</i> , 2013, 8, e81271.	1.1	28
101	Effect of temperature and season on reproduction, neutral red retention and metallothionein responses of earthworms exposed to metals in field soils. <i>Environmental Pollution</i> , 2007, 147, 83-93.	3.7	25
102	Low temperatures enhance the toxicity of copper and cadmium to <i>Enchytraeus crypticus</i> through different mechanisms. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2274-2283.	2.2	25
103	Aging reduces the toxicity of pristine but not sulphidised silver nanoparticles to soil bacteria. <i>Environmental Science: Nano</i> , 2018, 5, 2618-2630.	2.2	25
104	Extending standard testing period in honeybees to predict lifespan impacts of pesticides and heavy metals using dynamic energy budget modelling. <i>Scientific Reports</i> , 2016, 6, 37655.	1.6	24
105	The Effects of In Vivo Exposure to Copper Oxide Nanoparticles on the Gut Microbiome, Host Immunity, and Susceptibility to a Bacterial Infection in Earthworms. <i>Nanomaterials</i> , 2020, 10, 1337.	1.9	24
106	Fractions Affected and Probabilistic Risk Assessment of Cu, Zn, Cd, and Pb in Soils Using the Free Ion Approach. <i>Environmental Science & Technology</i> , 2005, 39, 8533-8540.	4.6	23
107	How can we justify grouping of nanoforms for hazard assessment? Concepts and tools to quantify similarity. <i>NanoImpact</i> , 2022, 25, 100366.	2.4	23
108	Closing the loop: A spatial analysis to link observed environmental damage to predicted heavy metal emissions. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 970-976.	2.2	22

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109	DEVELOPING A CRITICAL LOAD APPROACH FOR NATIONAL RISK ASSESSMENTS OF ATMOSPHERIC METAL DEPOSITION. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 883.	2.2	22
110	Variable Temperature Stress in the Nematode <i>Caenorhabditis elegans</i> (Maupas) and Its Implications for Sensitivity to an Additional Chemical Stressor. <i>PLoS ONE</i> , 2016, 11, e0140277.	1.1	22
111	Novel Multi-isotope Tracer Approach To Test ZnO Nanoparticle and Soluble Zn Bioavailability in Joint Soil Exposures. <i>Environmental Science & Technology</i> , 2017, 51, 12756-12763.	4.6	21
112	METABONOMIC ASSESSMENT OF TOXICITY OF 4-FLUOROANILINE, 3,5-DIFLUOROANILINE AND 2-FLUORO-4-METHYLANILINE TO THE EARTHWORM <i>EISENIA VENETA</i> (ROSA): IDENTIFICATION OF NEW ENDOGENOUS BIOMARKERS. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 1966.	2.2	21
113	Establishing principal soil quality parameters influencing earthworms in urban soils using bioassays. <i>Environmental Pollution</i> , 2005, 133, 199-211.	3.7	20
114	Comparisons of metabolic and physiological changes in rats following short term oral dosing with pesticides commonly found in food. <i>Food and Chemical Toxicology</i> , 2013, 59, 438-445.	1.8	20
115	How does growth temperature affect cadmium toxicity measured on different life history traits in the soil nematode <i>Caenorhabditis elegans</i> ? <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 787-793.	2.2	19
116	Great deeds or great risks? Scientists' social representations of nanotechnology. <i>Journal of Risk Research</i> , 2016, 19, 760-779.	1.4	19
117	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
118	Nested interactions in the combined toxicity of uranium and cadmium to the nematode <i>Caenorhabditis elegans</i> . <i>Ecotoxicology and Environmental Safety</i> , 2015, 118, 139-148.	2.9	17
119	Probing the immune responses to nanoparticles across environmental species. A perspective of the EU Horizon 2020 project PANDORA. <i>Environmental Science: Nano</i> , 2020, 7, 3216-3232.	2.2	17
120	The earthworm microbiome is resilient to exposure to biocidal metal nanoparticles. <i>Environmental Pollution</i> , 2020, 267, 115633.	3.7	17
121	Assessment of a 2,4,6-Trinitrotoluene Contaminated Site Using <i>Aporrectodea rosea</i> and <i>Eisenia andrei</i> in Mesocosms. <i>Archives of Environmental Contamination and Toxicology</i> , 2004, 48, 56-67.	2.1	16
122	Metabonomic assessment of toxicity of 4-fluoroaniline, 3,5-difluoroaniline and 2-fluoro-4-methylaniline to the earthworm <i>Eisenia veneta</i> (Rosa): identification of new endogenous biomarkers. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 1966-72.	2.2	16
123	Joint Toxicity of Cadmium and Ionizing Radiation on Zooplankton Carbon Incorporation, Growth and Mobility. <i>Environmental Science & Technology</i> , 2016, 50, 1527-1535.	4.6	15
124	Using problem formulation for fit-for-purpose pre-market environmental risk assessments of regulated stressors. <i>EFSA Journal</i> , 2019, 17, e170708.	0.9	15
125	CHRONIC TOXICITY OF ENERGETIC COMPOUNDS IN SOIL DETERMINED USING THE EARTHWORM (<i>EISENIA</i>) <i>Tj ETQg1 1 0.784314 rgBT</i>	2.2	15
126	Mixed messages from benthic microbial communities exposed to nanoparticulate and ionic silver: 3D structure picks up nano-specific effects, while EPS and traditional endpoints indicate a concentration-dependent impact of silver ions. <i>Environmental Science and Pollution Research</i> , 2016, 23, 4218-4234.	2.7	14

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127	Influence of soil porewater properties on the fate and toxicity of silver nanoparticles to <i>Caenorhabditis elegans</i> . <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2609-2618.	2.2	14
128	Outdoor and indoor cadmium distributions near an abandoned smelting works and their relations to human exposure. <i>Environmental Pollution</i> , 2011, 159, 3425-3432.	3.7	13
129	ZnO nanoparticle interactions with phospholipid monolayers. <i>Journal of Colloid and Interface Science</i> , 2013, 404, 161-168.	5.0	13
130	Identifying biochemical phenotypic differences between cryptic species. <i>Biology Letters</i> , 2014, 10, 20140615.	1.0	13
131	Chronic oral lethal and sublethal toxicities of different binary mixtures of pesticides and contaminants in bees (<i>Apis mellifera</i> , <i>Osmia bicornis</i> and <i>Bombus terrestris</i>). <i>EFSA Supporting Publications</i> , 2016, 13, 1076E.	0.3	13
132	Nanomaterials as Soil Pollutants. , 2018, , 161-190.		13
133	Combined Effects from \hat{I}^3 Radiation and Fluoranthene Exposure on Carbon Transfer from Phytoplankton to Zooplankton. <i>Environmental Science & Technology</i> , 2015, 49, 10624-10631.	4.6	10
134	A standardised bioassay method using a benchtop spray tower to evaluate entomopathogenic fungi for control of the greenhouse whitefly, <i>Trialeurodes vaporariorum</i> . <i>Pest Management Science</i> , 2020, 76, 2513-2524.	1.7	9
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