

# David J Spurgeon

## List of Publications by Year in descending order

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123  
papers

10,216  
citations

38742

50  
h-index

34986

98  
g-index

126  
all docs

126  
docs citations

126  
times ranked

10221  
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.	8.0	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.	5.0	651
3	Interactions between effects of environmental chemicals and natural stressors: A review. <i>Science of the Total Environment</i> , 2010, 408, 3746-3762.	8.0	621
4	Nanopesticides: Guiding Principles for Regulatory Evaluation of Environmental Risks. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 4227-4240.	5.2	308
5	Extrapolation of the laboratory-based OECD earthworm toxicity test to metal-contaminated field sites. <i>Ecotoxicology</i> , 1995, 4, 190-205.	2.4	224
6	Systems toxicology approaches for understanding the joint effects of environmental chemical mixtures. <i>Science of the Total Environment</i> , 2010, 408, 3725-3734.	8.0	198
7	Deriving Soil Critical Limits for Cu, Zn, Cd, and Pb: A Method Based on Free Ion Concentrations. <i>Environmental Science &amp; Technology</i> , 2004, 38, 3623-3631.	10.0	188
8	'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.	3.8	168
9	An assessment of the fate, behaviour and environmental risk associated with sunscreen TiO <sub>2</sub> nanoparticles in UK field scenarios. <i>Science of the Total Environment</i> , 2011, 409, 2503-2510.	8.0	150
10	Microplastic particles reduce reproduction in the terrestrial worm <i>Enchytraeus crypticus</i> in a soil exposure. <i>Environmental Pollution</i> , 2019, 255, 113174.	7.5	150
11	A summary of eleven years progress in earthworm ecotoxicology The 7th international symposium on earthworm ecology – Cardiff – Wales – 2002. <i>Pedobiologia</i> , 2003, 47, 588-606.	1.2	147
12	The effects of metal contamination on earthworm populations around a smelting works: quantifying species effects. <i>Applied Soil Ecology</i> , 1996, 4, 147-160.	4.3	137
13	Effects of Metal-Contaminated Soils on the Growth, Sexual Development, and Early Cocoon Production of the Earthworm <i>Eisenia fetida</i> , with Particular Reference to Zinc. <i>Ecotoxicology and Environmental Safety</i> , 1996, 35, 86-95.	6.0	133
14	Environmental Metabonomics: Applying Combination Biomarker Analysis in Earthworms at a Metal Contaminated Site. <i>Ecotoxicology</i> , 2004, 13, 797-806.	2.4	128
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.	4.3	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.	8.2	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.	5.5	121
18	Land-use and land-management change: relationships with earthworm and fungi communities and soil structural properties. <i>BMC Ecology</i> , 2013, 13, 46.	3.0	118

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19	Factors Influencing the National Distribution of Polycyclic Aromatic Hydrocarbons and Polychlorinated Biphenyls in British Soils. <i>Environmental Science &amp; Technology</i> , 2006, 40, 7629-7635.	10.0	113
20	Metabonomic assessment of toxicity of 4- <i>fluoroaniline</i> , 3,5- <i>difluoroaniline</i> and 2- <i>fluoro-4-methylaniline</i> to the earthworm <i>Eisenia veneta</i> (rosa): Identification of new endogenous biomarkers. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 1966-1972.	4.3	110
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.	3.0	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.	8.0	106
23	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.	6.0	98
24	A critical review of current methods in earthworm ecology: From individuals to populations. <i>European Journal of Soil Biology</i> , 2010, 46, 67-73.	3.2	98
25	Toward sustainable environmental quality: Priority research questions for Europe. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2281-2295.	4.3	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.	10.0	97
27	Metabolic Profile Biomarkers of Metal Contamination in a Sentinel Terrestrial Species Are Applicable Across Multiple Sites. <i>Environmental Science &amp; Technology</i> , 2007, 41, 4458-4464.	10.0	96
28	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.	2.8	93
29	Short-term soil bioassays may not reveal the full toxicity potential for nanomaterials; bioavailability and toxicity of silver ions (AgNO <sub>3</sub> ) and silver nanoparticles to earthworm <i>Eisenia fetida</i> in long-term aged soils. <i>Environmental Pollution</i> , 2015, 203, 191-198.	7.5	93
30	Toxicogenomic Responses of the Model Organism <i>Caenorhabditis elegans</i> to Gold Nanoparticles. <i>Environmental Science &amp; Technology</i> , 2012, 46, 4115-4124.	10.0	92
31	Risk assessment of the threat of secondary poisoning by metals to predators of earthworms in the vicinity of a primary smelting works. <i>Science of the Total Environment</i> , 1996, 187, 167-183.	8.0	79
32	Metabolomics and its use in ecology. <i>Austral Ecology</i> , 2013, 38, 713-720.	1.5	79
33	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.	5.3	79
34	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.	6.0	76
35	EFFECT OF pH ON METAL SPECIATION AND RESULTING METAL UPTAKE AND TOXICITY FOR EARTHWORMS. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 788.	4.3	74
36	Geographical and pedological drivers of distribution and risks to soil fauna of seven metals (Cd, Cu, Pb, Ni, Zn, Mn, Cr) in agricultural soils of the Iberian Peninsula. <i>Environmental Pollution</i> , 2015, 203, 191-198.	7.5	71

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37	Unique metabolites protect earthworms against plant polyphenols. <i>Nature Communications</i> , 2015, 6, 7869.	12.8	71
38	DNA sequence variation and methylation in an arsenic tolerant earthworm population. <i>Soil Biology and Biochemistry</i> , 2013, 57, 524-532.	8.8	68
39	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.	6.0	66
40	Key principles and operational practices for improved nanotechnology environmental exposure assessment. <i>Nature Nanotechnology</i> , 2020, 15, 731-742.	31.5	66
41	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.	7.5	65
42	Species Sensitivity to Toxic Substances: Evolution, Ecology and Applications. <i>Frontiers in Environmental Science</i> , 2020, 8, .	3.3	65
43	Toxicity of cerium oxide nanoparticles to the earthworm <i>Eisenia fetida</i> : subtle effects. <i>Environmental Chemistry</i> , 2014, 11, 268.	1.5	60
44	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.	7.5	60
45	Metal Effects on Soil Invertebrate Feeding: Measurements Using the Bait Lamina Method. <i>Ecotoxicology</i> , 2004, 13, 807-816.	2.4	58
46	Earthworm Uptake Routes and Rates of Ionic Zn and ZnO Nanoparticles at Realistic Concentrations, Traced Using Stable Isotope Labeling. <i>Environmental Science &amp; Technology</i> , 2016, 50, 412-419.	10.0	57
47	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.	2.6	54
48	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.	10.0	54
49	Comparing bee species responses to chemical mixtures: Common response patterns?. <i>PLoS ONE</i> , 2017, 12, e0176289.	2.5	54
50	Pedological Characterisation of Sites Along a Transect from a Primary Cadmium/Lead/Zinc Smelting Works. <i>Ecotoxicology</i> , 2004, 13, 725-737.	2.4	53
51	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.	7.5	53
52	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.	4.3	52
53	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.	4.3	52
54	What Is on the Outside Matters—Surface Charge and Dissolve Organic Matter Association Affect the Toxicity and Physiological Mode of Action of Polystyrene Nanoplastics to <i>C. elegans</i> . <i>Environmental Science &amp; Technology</i> , 2021, 55, 6065-6075.	10.0	52

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55	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.	10.0	50
56	Hierarchical Responses of Soil Invertebrates (Earthworms) to Toxic Metal Stress. <i>Environmental Science &amp; Technology</i> , 2005, 39, 5327-5334.	10.0	49
57	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.	2.4	49
58	Validation of metabolomics for toxic mechanism of action screening with the earthworm <i>Lumbricus rubellus</i> . <i>Metabolomics</i> , 2009, 5, 72-83.	3.0	48
59	Potential New Method of Mixture Effects Testing Using Metabolomics and <i>Caenorhabditis elegans</i> . <i>Journal of Proteome Research</i> , 2012, 11, 1446-1453.	3.7	48
60	Strategies for robust and accurate experimental approaches to quantify nanomaterial bioaccumulation across a broad range of organisms. <i>Environmental Science: Nano</i> , 2019, 6, 1619-1656.	4.3	48
61	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
62	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.	4.3	40
63	Accumulation of polybrominated diphenyl ethers and microbiome response in the great pond snail <i>Lymnaea stagnalis</i> with exposure to nylon (polyamide) microplastics. <i>Ecotoxicology and Environmental Safety</i> , 2020, 188, 109882.	6.0	40
64	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.	2.6	39
65	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.	4.3	39
66	Current evidence for a role of epigenetic mechanisms in response to ionizing radiation in an ecotoxicological context. <i>Environmental Pollution</i> , 2019, 251, 469-483.	7.5	39
67	Nanomaterial Transformations in the Environment: Effects of Changing Exposure Forms on Bioaccumulation and Toxicity. <i>Small</i> , 2020, 16, e2000618.	10.0	37
68	Metalloproteins and phytochelatin synthase may confer protection against zinc oxide nanoparticle induced toxicity in <i>Caenorhabditis elegans</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 160, 75-85.	2.6	35
69	Addressing Nanomaterial Immunosafety by Evaluating Innate Immunity across Living Species. <i>Small</i> , 2020, 16, e2000598.	10.0	35
70	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.	7.5	34
71	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.	6.0	34
72	Plasticisers in the terrestrial environment: sources, occurrence and fate. <i>Environmental Chemistry</i> , 2021, 18, 111-130.	1.5	34

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73	Explaining density-dependent regulation in earthworm populations using life-history analysis. <i>Oikos</i> , 2003, 100, 89-95.	2.7	33
74	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.	4.3	33
75	The gut barrier and the fate of engineered nanomaterials: a view from comparative physiology. <i>Environmental Science: Nano</i> , 2020, 7, 1874-1898.	4.3	32
76	Critical Analysis of Soil Invertebrate Biomarkers: A Field Case Study in Avonmouth, UK. <i>Ecotoxicology</i> , 2004, 13, 817-822.	2.4	31
77	Toxicokinetic studies reveal variability in earthworm pollutant handling. <i>Pedobiologia</i> , 2011, 54, S217-S222.	1.2	31
78	Genomic mutations after multigenerational exposure of <i>Caenorhabditis elegans</i> to pristine and sulfidized silver nanoparticles. <i>Environmental Pollution</i> , 2019, 254, 113078.	7.5	31
79	Life-History Patterns in Reference and Metal-Exposed Earthworm Populations. <i>Ecotoxicology</i> , 1999, 8, 133-141.	2.4	30
80	A summary of eleven years progress in earthworm ecotoxicology. <i>Pedobiologia</i> , 2003, 47, 588-606.	1.2	30
81	Three-phase metal kinetics in terrestrial invertebrates exposed to high metal concentrations. <i>Science of the Total Environment</i> , 2010, 408, 3794-3802.	8.0	30
82	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.	4.3	29
83	Genetic variation in populations of the earthworm, <i>Lumbricus rubellus</i> , across contaminated mine sites. <i>BMC Genetics</i> , 2017, 18, 97.	2.7	29
84	Application of physiologically based modelling and transcriptomics to probe the systems toxicology of aldicarb for <i>Caenorhabditis elegans</i> (Maupas 1900). <i>Ecotoxicology</i> , 2011, 20, 397-408.	2.4	26
85	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.	7.5	25
86	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.	4.3	25
87	Evaluating environmental risk assessment models for nanomaterials according to requirements along the product innovation Stage-Gate process. <i>Environmental Science: Nano</i> , 2019, 6, 505-518.	4.3	24
88	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.	4.1	24
89	Fractions Affected and Probabilistic Risk Assessment of Cu, Zn, Cd, and Pb in Soils Using the Free Ion Approach. <i>Environmental Science &amp; Technology</i> , 2005, 39, 8533-8540.	10.0	23
90	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.	4.3	22

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91	DEVELOPING A CRITICAL LOAD APPROACH FOR NATIONAL RISK ASSESSMENTS OF ATMOSPHERIC METAL DEPOSITION. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 883.	4.3	22
92	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.	2.5	22
93	Worst-case ranking of organic chemicals detected in groundwaters and surface waters in England. <i>Science of the Total Environment</i> , 2022, 835, 155101.	8.0	22
94	Establishing principal soil quality parameters influencing earthworms in urban soils using bioassays. <i>Environmental Pollution</i> , 2005, 133, 199-211.	7.5	20
95	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.	4.3	19
96	Genetic, epigenetic and microbiome characterisation of an earthworm species ( <i>Octolasion lacteum</i> ) along a radiation exposure gradient at Chernobyl. <i>Environmental Pollution</i> , 2019, 255, 113238.	7.5	19
97	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.	2.9	18
98	Predicting Mixture Effects over Time with Toxicokinetic–Toxicodynamic Models (GUTS): Assumptions, Experimental Testing, and Predictive Power. <i>Environmental Science &amp; Technology</i> , 2021, 55, 2430-2439.	10.0	18
99	How to analyse and account for interactions in mixture toxicity with toxicokinetic-toxicodynamic models. <i>Science of the Total Environment</i> , 2022, 843, 157048.	8.0	18
100	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.	4.3	17
101	Accumulation of nylon microplastics and polybrominated diphenyl ethers and effects on gut microbial community of <i>Chironomus sancticaroli</i> . <i>Science of the Total Environment</i> , 2022, 832, 155089.	8.0	17
102	Ecological drivers influence the distributions of two cryptic lineages in an earthworm morphospecies. <i>Applied Soil Ecology</i> , 2016, 108, 8-15.	4.3	15
103	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.	4.3	14
104	Outdoor and indoor cadmium distributions near an abandoned smelting works and their relations to human exposure. <i>Environmental Pollution</i> , 2011, 159, 3425-3432.	7.5	13
105	Identifying biochemical phenotypic differences between cryptic species. <i>Biology Letters</i> , 2014, 10, 20140615.	2.3	13
106	Comparison of species sensitivity distribution modeling approaches for environmental risk assessment of nanomaterials – A case study for silver and titanium dioxide representative materials. <i>Aquatic Toxicology</i> , 2020, 225, 105543.	4.0	13
107	Chemicals with increasingly complex modes of action result in greater variation in sensitivity between earthworm species. <i>Environmental Pollution</i> , 2021, 272, 115914.	7.5	12
108	Current research in soil invertebrate ecotoxicogenomics. <i>Advances in Experimental Biology</i> , 2008, 2, 133-326.	0.1	9

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109	Off-Target Stoichiometric Binding Identified from Toxicogenomics Explains Why Some Species Are More Sensitive than Others to a Widely Used Neonicotinoid. <i>Environmental Science &amp; Technology</i> , 2021, 55, 3059-3069.	10.0	9
110	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, 1465-72.	4.3	8
111	The importance of experimental time when assessing the effect of temperature on toxicity in poikilotherms. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1363-1371.	4.3	7
112	Bridging international approaches on nanoEHS. <i>Nature Nanotechnology</i> , 2021, 16, 608-611.	31.5	6
113	Proportional contributions to organic chemical mixture effects in groundwater and surface water. <i>Water Research</i> , 2022, 220, 118641.	11.3	6
114	Biological Methods for Assessing Potentially Contaminated Soils. , 0, , 163-205.		5
115	Phenotypic responses in <i>Caenorhabditis elegans</i> following chronic low-level exposures to inorganic and organic compounds. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 920-930.	4.3	4
116	RELATIVE SENSITIVITY OF LIFE-CYCLE AND BIOMARKER RESPONSES IN FOUR EARTHWORM SPECIES EXPOSED TO ZINC. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 1800.	4.3	4
117	Chemical transformation and surface functionalisation affect the potential to group nanoparticles for risk assessment. <i>Environmental Science: Nano</i> , 2020, 7, 3100-3107.	4.3	3
118	Toxicogenomics in a soil sentinel exposure to Zn nanoparticles and ions reveals the comparative role of toxicokinetic and toxicodynamic mechanisms. <i>Environmental Science: Nano</i> , 2020, 7, 1464-1480.	4.3	3
119	Long-term cattle grazing shifts the ecological state of forest soils. <i>Ecology and Evolution</i> , 2022, 12, e8786.	1.9	3
120	Impacts of Life-Time Exposure of Arsenic, Cadmium and Fluoranthene on the Earthworms <i>L. rubellus</i> Global DNA Methylation as Detected by msAFLP. <i>Genes</i> , 2022, 13, 770.	2.4	3
121	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.	4.3	2
122	EFSA Scientific Colloquium 22 – Epigenetics and Risk Assessment: Where do we stand?. EFSA Supporting Publications, 2016, 13, 1129E.	0.7	1
123	Higher than 1 or lower than 1.? Evidence for the validity of the extrapolation of laboratory toxicity test results to predict the effects of chemicals and ionising radiation in the field. <i>Journal of Environmental Radioactivity</i> , 2020, 211, 105757.	1.7	1