Martina G Vijver

List of Publications by Year in Descending Order

159 papers	5,073 citations	37 h-index	64 g-index
164 ext. papers	6,221 ext. citations	7 avg, IF	6.2 L-index

#	Paper	IF	Citations
159	Effects of natural organic matter on the joint toxicity and accumulation of Cu nanoparticles and ZnO nanoparticles in Daphnia magna. *Environmental Pollution*, **2022**, 292, 118413	9.3	1
158	An Overview of Methodologies for Tracing and Quantifying Microplastics in Environmental Samples **2022**, 21-46		0
157	Similarity assessment of metallic nanoparticles within a risk assessment framework: A case study on metallic nanoparticles and lettuce.. *NanoImpact*, **2022**, 26, 100397	5.6	0
156	Safe-and-Sustainable-by-Design Framework Based on a Prospective Life Cycle Assessment: Lessons Learned from a Nano-Titanium Dioxide Case Study.. *International Journal of Environmental Research and Public Health*, **2022**, 19,	4.6	3
155	Development of a Quasi-QSAR Model for Prediction of the Immobilization Response of Daphnia magna Exposed to Metal-Based Nanomaterials.. *Environmental Toxicology and Chemistry*, **2022**,	3.8	4
154	Microbiota-dependent TLR2 signaling reduces silver nanoparticle toxicity to zebrafish larvae.. *Ecotoxicology and Environmental Safety*, **2022**, 237, 113522	7	0
153	Trophic Transfer and Toxicity of (Mixtures of) Ag and TiO Nanoparticles in the Lettuce-Terrestrial Snail Food Chain. *Environmental Science & Technology*, **2021**,	10.3	2
152	Experimental evidence for neonicotinoid driven decline in aquatic emerging insects. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	6
151	The Differences between the Effects of a Nanoformulation and a Conventional Form of Atrazine to Lettuce: Physiological Responses, Defense Mechanisms, and Nutrient Displacement. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 12527-12540	5.7	1
150	Adsorption of titanium dioxide nanoparticles onto zebrafish eggs affects colonizing microbiota. *Aquatic Toxicology*, **2021**, 232, 105744	5.1	3
149	Parental and trophic transfer of nanoscale plastic debris in an assembled aquatic food chain as a function of particle size. *Environmental Pollution*, **2021**, 269, 116066	9.3	6
148	Application of low dosage of copper oxide and zinc oxide nanoparticles boosts bacterial and fungal communities in soil. *Science of the Total Environment*, **2021**, 757, 143807	10.2	6
147	Prediction of the Joint Toxicity of Multiple Engineered Nanoparticles: The Integration of Classic Mixture Models and Methods. *Chemical Research in Toxicology*, **2021**, 34, 176-178	4	2
146	Method for extraction of nanoscale plastic debris from soil. *Analytical Methods*, **2021**, 13, 1576-1583	3.2	3
145	Particle number-based trophic transfer of gold nanomaterials in an aquatic food chain. *Nature Communications*, **2021**, 12, 899	17.4	9
144	Probing nano-QSAR to assess the interactions between carbon nanoparticles and a SARS-CoV-2 RNA fragment. *Ecotoxicology and Environmental Safety*, **2021**, 219, 112357	7	4
143	Effects of humic substances on the aqueous stability of cerium dioxide nanoparticles and their toxicity to aquatic organisms. *Science of the Total Environment*, **2021**, 781, 146583	10.2	2

142	The Relative Contributions of Complexation, Dispersing, and Adsorption of Tannic Acid to the Dissolution of Copper Oxide Nanoparticles. *Water, Air, and Soil Pollution*, **2021**, 232, 1	2.6	
141	Graphene nanoplatelets and reduced graphene oxide elevate the microalgal cytotoxicity of nano-zirconium oxide. *Chemosphere*, **2021**, 276, 130015	8.4	5
140	The analytical quest for sub-micron plastics in biological matrices. *Nano Today*, **2021**, 41, 101296	17.9	3
139	Engineered nanoselenium supplemented fish diet: toxicity comparison with ionic selenium and stability against particle dissolution, aggregation and release. *Environmental Science: Nano*, **2020**, 7, 2325-2336	7.1	2
138	Foliar versus root exposure of AgNPs to lettuce: Phytotoxicity, antioxidant responses and internal translocation. *Environmental Pollution*, **2020**, 261, 114117	9.3	34
137	Colonizing microbiota protect zebrafish larvae against silver nanoparticle toxicity. *Nanotoxicology*, **2020**, 14, 725-739	5.3	8
136	Remediation of heavy metal contaminated soil by biodegradable chelator-induced washing: Efficiencies and mechanisms. *Environmental Research*, **2020**, 186, 109554	7.9	32
135	The fate and toxicity of Pb-based perovskite nanoparticles on soil bacterial community: Impacts of pH, humic acid, and divalent cations. *Chemosphere*, **2020**, 249, 126564	8.4	12
134	Plastic particles adsorb to the roots of freshwater vascular plant Spirodela polyrhiza but do not impair growth. *Limnology and Oceanography Letters*, **2020**, 5, 37-45	7.9	36
133	Are Technological Developments Improving the Environmental Sustainability of Photovoltaic Electricity?. *Energy Technology*, **2020**, 8, 1901064	3.5	8
132	The promoted dissolution of copper oxide nanoparticles by dissolved humic acid: Copper complexation over particle dispersion. *Chemosphere*, **2020**, 245, 125612	8.4	9
131	Do the joint effects of size, shape and ecocorona influence the attachment and physical eco(cyto)toxicity of nanoparticles to algae?. *Nanotoxicology*, **2020**, 14, 310-325	5.3	11
130	An across-species comparison of the sensitivity of different organisms to Pb-based perovskites used in solar cells. *Science of the Total Environment*, **2020**, 708, 135134	10.2	9
129	Metal sorption onto nanoscale plastic debris and trojan horse effects in Daphnia magna: Role of dissolved organic matter. *Water Research*, **2020**, 186, 116410	12.5	17
128	Environmental impacts of III/V/silicon photovoltaics: life cycle assessment and guidance for sustainable manufacturing. *Energy and Environmental Science*, **2020**, 13, 4280-4290	35.4	5
127	Ex ante life cycle assessment of GaAs/Si nanowire-based tandem solar cells: a benchmark for industrialization. *International Journal of Life Cycle Assessment*, **2020**, 25, 1767-1782	4.6	3
126	Quantifying the relative contribution of particulate versus dissolved silver to toxicity and uptake kinetics of silver nanowires in lettuce: impact of size and coating. *Nanotoxicology*, **2020**, 14, 1399-1414	5.3	8
125	Interaction between a nano-formulation of atrazine and rhizosphere bacterial communities: atrazine degradation and bacterial community alterations. *Environmental Science: Nano*, **2020**, 7, 3372-3384	7.1	4

124	Life cycle assessment of emerging technologies at the lab scale: The case of nanowire-based solar cells. *Journal of Industrial Ecology*, **2020**, 24, 193-204	7.2	17
123	Variability in fish bioconcentration factors: Influences of study design and consequences for regulation. *Chemosphere*, **2020**, 239, 124731	8.4	10
122	Spatial and temporal homogenisation of freshwater macrofaunal communities in ditches. *Freshwater Biology*, **2019**, 64, 2260-2268	3.1	3
121	Compositional alterations in soil bacterial communities exposed to TiO nanoparticles are not reflected in functional impacts. *Environmental Research*, **2019**, 178, 108713	7.9	12
120	Development of methods for extraction and analytical characterization of carbon-based nanomaterials (nanoplastics and carbon nanotubes) in biological and environmental matrices by asymmetrical flow field-flow fractionation. *Environmental Pollution*, **2019**, 255, 113304	9.3	24
119	Systematic selection of a dose metric for metal-based nanoparticles. *NanoImpact*, **2019**, 13, 70-75	5.6	4
118	Significant decline of Daphnia magna population biomass due to microplastic exposure. *Environmental Pollution*, **2019**, 250, 669-675	9.3	36
117	The choreography of chemicals in nature; beyond ecotoxicological limits. *Chemosphere*, **2019**, 227, 366-370	8.4	1
116	Reproductive toxicity of primary and secondary microplastics to three cladocerans during chronic exposure. *Environmental Pollution*, **2019**, 249, 638-646	9.3	71
115	Health Risks of Polybrominated Diphenyl Ethers (PBDEs) and Metals at Informal Electronic Waste Recycling Sites. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	16
114	Microplastics accumulate on pores in seed capsule and delay germination and root growth of the terrestrial vascular plant Lepidium sativum. *Chemosphere*, **2019**, 226, 774-781	8.4	185
113	Dissolution and aggregation kinetics of zero valent copper nanoparticles in (simulated) natural surface waters: Simultaneous effects of pH, NOM and ionic strength. *Chemosphere*, **2019**, 226, 841-850	8.4	24
112	Hydrophobic Organic Pollutants in Soils and Dusts at Electronic Waste Recycling Sites: Occurrence and Possible Impacts of Polybrominated Diphenyl Ethers. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	8
111	Environmental levels of neonicotinoids reduce prey consumption, mobility and emergence of the damselfly Ischnura elegans. *Journal of Applied Ecology*, **2019**, 56, 2034-2044	5.8	9
110	Neonicotinoids and fertilizers jointly structure naturally assembled freshwater macroinvertebrate communities. *Science of the Total Environment*, **2019**, 691, 36-44	10.2	6
109	Interaction of zero valent copper nanoparticles with algal cells under simulated natural conditions: Particle dissolution kinetics, uptake and heteroaggregation. *Science of the Total Environment*, **2019**, 689, 133-140	10.2	9
108	Polystyrene nanoplastics disrupt glucose metabolism and cortisol levels with a possible link to behavioural changes in larval zebrafish. *Communications Biology*, **2019**, 2, 382	6.7	66
107	Compositional and predicted functional dynamics of soil bacterial community in response to single pulse and repeated dosing of titanium dioxide nanoparticles. *NanoImpact*, **2019**, 16, 100187	5.6	4

106	Partitioning the impact of environmental drivers and species interactions in dynamic aquatic communities. *Ecosphere*, **2019**, 10, e02910	3.1	3
105	A Dose Metrics Perspective on the Association of Gold Nanomaterials with Algal Cells. *Environmental Science and Technology Letters*, **2019**, 6, 732-738	11	7
104	Analytical approaches for characterizing and quantifying engineered nanoparticles in biological matrices from an (eco)toxicological perspective: old challenges, new methods and techniques. *Science of the Total Environment*, **2019**, 660, 1283-1293	10.2	35
103	Method for Extraction and Quantification of Metal-Based Nanoparticles in Biological Media: Number-Based Biodistribution and Bioconcentration. *Environmental Science & Technology*, **2019**, 53, 946-953	10.3	23
102	Nanoparticles induce dermal and intestinal innate immune system responses in zebrafish embryos. *Environmental Science: Nano*, **2018**, 5, 904-916	7.1	54
101	Towards Nanowire Tandem Junction Solar Cells on Silicon. *IEEE Journal of Photovoltaics*, **2018**, 8, 733-740	3.7	37
100	Thiacloprid-induced toxicity influenced by nutrients: Evidence from in situ bioassays in experimental ditches. *Environmental Toxicology and Chemistry*, **2018**, 37, 1907-1915	3.8	11
99	Impact of water chemistry on the behavior and fate of copper nanoparticles. *Environmental Pollution*, **2018**, 234, 684-691	9.3	28
98	Effect of soil washing with biodegradable chelators on the toxicity of residual metals and soil biological properties. *Science of the Total Environment*, **2018**, 625, 1021-1029	10.2	64
97	Acute sensitivity of three Cladoceran species to different types of microplastics in combination with thermal stress. *Environmental Pollution*, **2018**, 239, 733-740	9.3	45
96	Impact of informal electronic waste recycling on metal concentrations in soils and dusts. *Environmental Research*, **2018**, 164, 385-394	7.9	21
95	Assessing combined impacts of agrochemicals: Aquatic macroinvertebrate population responses in outdoor mesocosms. *Science of the Total Environment*, **2018**, 631-632, 341-347	10.2	13
94	Prevalence and injury patterns among electronic waste workers in the informal sector in Nigeria. *Injury Prevention*, **2018**, 24, 185-192	3.2	26
93	Developing species sensitivity distributions for metallic nanomaterials considering the characteristics of nanomaterials, experimental conditions, and different types of endpoints. *Food and Chemical Toxicology*, **2018**, 112, 563-570	4.7	23
92	Impact of water chemistry on the particle-specific toxicity of copper nanoparticles to Daphnia magna. *Science of the Total Environment*, **2018**, 610-611, 1329-1335	10.2	26
91	Green and Clean: Reviewing the Justification of Claims for Nanomaterials from a Sustainability Point of View. *Sustainability*, **2018**, 10, 689	3.6	20
90	Emerging investigator series: the dynamics of particle size distributions need to be accounted for in bioavailability modelling of nanoparticles. *Environmental Science: Nano*, **2018**, 5, 2473-2481	7.1	14
89	Microbially-mediated indirect effects of silver nanoparticles on aquatic invertebrates. *Aquatic Sciences*, **2018**, 80, 1	2.5	10

88	Feasibility of Chinese cabbage (Brassica bara) and lettuce (Lactuca sativa) cultivation in heavily metals□contaminated soil after washing with biodegradable chelators. *Journal of Cleaner Production*, **2018**, 197, 479-490	10.3	32
87	Multiscale Coupling Strategy for Nano Ecotoxicology Prediction. *Environmental Science & Technology*, **2018**, 52, 7598-7600	10.3	6
86	Refinement and cross-validation of nickel bioavailability in PNEC-Pro, a regulatory tool for site-specific risk assessment of metals in surface water. *Environmental Toxicology and Chemistry*, **2017**, 36, 2367-2376	3.8	5
85	Determining global distribution of microplastics by combining citizen science and in-depth case studies. *Integrated Environmental Assessment and Management*, **2017**, 13, 536-541	2.5	22
84	Postregistration monitoring of pesticides is urgently required to protect ecosystems. *Environmental Toxicology and Chemistry*, **2017**, 36, 860-865	3.8	28
83	Toxicity models of metal mixtures established on the basis of □dditivity□and □nteractions□ *Frontiers of Environmental Science and Engineering*, **2017**, 11, 1	5.8	3
82	A comparison of fate and toxicity of selenite, biogenically, and chemically synthesized selenium nanoparticles to zebrafish (Danio rerio) embryogenesis. *Nanotoxicology*, **2017**, 11, 87-97	5.3	45
81	Tannic acid promotes ion release of copper oxide nanoparticles: Impacts from solution pH change and complexation reactions. *Water Research*, **2017**, 127, 59-67	12.5	17
80	A large-scale investigation of microplastic contamination: Abundance and characteristics of microplastics in European beach sediment. *Marine Pollution Bulletin*, **2017**, 123, 219-226	6.7	198
79	Setting the stage for debating the roles of risk assessment and life-cycle assessment of engineered nanomaterials. *Nature Nanotechnology*, **2017**, 12, 727-733	28.7	61
78	Importance of exposure dynamics of metal-based nano-ZnO, -Cu and -Pb governing the metabolic potential of soil bacterial communities. *Ecotoxicology and Environmental Safety*, **2017**, 145, 349-358	7	27
77	Brood pouch-mediated polystyrene nanoparticle uptake during Daphnia magna embryogenesis. *Nanotoxicology*, **2017**, 11, 1059-1069	5.3	42
76	Pathway analysis of systemic transcriptome responses to injected polystyrene particles in zebrafish larvae. *Aquatic Toxicology*, **2017**, 190, 112-120	5.1	88
75	Exploring uptake and biodistribution of polystyrene (nano)particles in zebrafish embryos at different developmental stages. *Aquatic Toxicology*, **2017**, 190, 40-45	5.1	110
74	A standardized method for sampling and extraction methods for quantifying microplastics in beach sand. *Marine Pollution Bulletin*, **2017**, 114, 77-83	6.7	156
73	A Review of Recent Advances towards the Development of (Quantitative) Structure-Activity Relationships for Metallic Nanomaterials. *Materials*, **2017**, 10,	3.5	16
72	Health Risks Awareness of Electronic Waste Workers in the Informal Sector in Nigeria. *International Journal of Environmental Research and Public Health*, **2017**, 14,	4.6	31
71	A Novel Experimental and Modelling Strategy for Nanoparticle Toxicity Testing Enabling the Use of Small Quantities. *International Journal of Environmental Research and Public Health*, **2017**, 14,	4.6	11

70	Current Knowledge on the Use of Computational Toxicology in Hazard Assessment of Metallic Engineered Nanomaterials. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	16
69	Pressure-Induced Shifts in Trophic Linkages in a Simplified Aquatic Food Web. *Frontiers in Environmental Science*, **2017**, 5,	4.8	11
68	Agricultural constraints on microbial resource use and niche breadth in drainage ditches. *PeerJ*, **2017**, 5, e4175	3.1	7
67	Dose metrics assessment for differently shaped and sized metal-based nanoparticles. *Environmental Toxicology and Chemistry*, **2016**, 35, 2466-2473	3.8	9
66	TiO2 nanoparticles reduce the effects of ZnO nanoparticles and Zn ions on zebrafish embryos (Danio rerio). *NanoImpact*, **2016**, 2, 45-53	5.6	18
65	Silver Nanoparticles, Ions, and Shape Governing Soil Microbial Functional Diversity: Nano Shapes Micro. *Frontiers in Microbiology*, **2016**, 7, 1123	5.7	43
64	Comparison and evaluation of pesticide monitoring programs using a process-based mixture model. *Environmental Toxicology and Chemistry*, **2016**, 35, 3113-3123	3.8	7
63	Effects of agricultural practices on organic matter degradation in ditches. *Scientific Reports*, **2016**, 6, 21474	4.9	18
62	Development of nanostructure□ctivity relationships assisting the nanomaterial hazard categorization for risk assessment and regulatory decision-making. *RSC Advances*, **2016**, 6, 52227-52235	3.7	24
61	Evaluating the Combined Toxicity of Cu and ZnO Nanoparticles: Utility of the Concept of Additivity and a Nested Experimental Design. *Environmental Science & Technology*, **2016**, 50, 5328-37	10.3	32
60	Toxicity of copper nanoparticles to Daphnia magna under different exposure conditions. *Science of the Total Environment*, **2016**, 563-564, 81-8	10.2	35
59	Pesticide mixtures in streams of several European countries and the USA. *Science of the Total Environment*, **2016**, 573, 680-689	10.2	100
58	Consideration of the bioavailability of metal/metalloid species in freshwaters: experiences regarding the implementation of biotic ligand model-based approaches in risk assessment frameworks. *Environmental Science and Pollution Research*, **2015**, 22, 7405-21	5.1	46
57	Resource niche overlap promotes stability of bacterial community metabolism in experimental microcosms. *Frontiers in Microbiology*, **2015**, 6, 105	5.7	26
56	Statistically significant deviations from additivity: What do they mean in assessing toxicity of mixtures?. *Ecotoxicology and Environmental Safety*, **2015**, 122, 37-44	7	15
55	A comparative analysis on the in vivo toxicity of copper nanoparticles in three species of freshwater fish. *Chemosphere*, **2015**, 139, 181-9	8.4	61
54	Toxicity and accumulation of Cu and ZnO nanoparticles in Daphnia magna. *Environmental Science & Technology*, **2015**, 49, 4657-64	10.3	122
53	Comparative toxicity of copper nanoparticles across three Lemnaceae species. *Science of the Total Environment*, **2015**, 518-519, 217-24	10.2	35

52	Assessing toxicity of copper nanoparticles across five cladoceran species. *Environmental Toxicology and Chemistry*, **2015**, 34, 1863-9	3.8	23
51	Incorporating bioavailability into toxicity assessment of Cu-Ni, Cu-Cd, and Ni-Cd mixtures with the extended biotic ligand model and the WHAM-F(tox) approach. *Environmental Science and Pollution Research*, **2015**, 22, 19213-23	5.1	18
50	Summary and analysis of the currently existing literature data on metal-based nanoparticles published for selected aquatic organisms: Applicability for toxicity prediction by (Q)SARs. *ATLA Alternatives To Laboratory Animals*, **2015**, 43, 221-40	2.1	24
49	Experimental determinations of soil copper toxicity to lettuce (Lactuca sativa) growth in highly different copper spiked and aged soils. *Environmental Science and Pollution Research*, **2015**, 22, 5283-92	5.1	5
48	Impacts of major cations (K(+), Na (+), Ca (2+), Mg (2+)) and protons on toxicity predictions of nickel and cadmium to lettuce (Lactuca sativa L.) using exposure models. *Ecotoxicology*, **2014**, 23, 385-95	2.9	20
47	Modeling cadmium and nickel toxicity to earthworms with the free ion approach. *Environmental Toxicology and Chemistry*, **2014**, 33, 438-46	3.8	4
46	Toxicity of different-sized copper nano- and submicron particles and their shed copper ions to zebrafish embryos. *Environmental Toxicology and Chemistry*, **2014**, 33, 1774-82	3.8	60
45	Particle-specific toxic effects of differently shaped zinc oxide nanoparticles to zebrafish embryos (Danio rerio). *Environmental Toxicology and Chemistry*, **2014**, 33, 2859-68	3.8	76
44	Impact of imidacloprid on Daphnia magna under different food quality regimes. *Environmental Toxicology and Chemistry*, **2014**, 33, 621-31	3.8	25
43	Comparing three approaches in extending biotic ligand models to predict the toxicity of binary metal mixtures (Cu-Ni, Cu-Zn and Cu-Ag) to lettuce (Lactuca sativa L.). *Chemosphere*, **2014**, 112, 282-8	8.4	20
42	Species-specific toxicity of copper nanoparticles among mammalian and piscine cell lines. *Nanotoxicology*, **2014**, 8, 383-93	5.3	73
41	Macro-invertebrate decline in surface water polluted with imidacloprid: a rebuttal and some new analyses. *PLoS ONE*, **2014**, 9, e89837	3.7	47
40	Investigating short-term exposure to electromagnetic fields on reproductive capacity of invertebrates in the field situation. *Electromagnetic Biology and Medicine*, **2014**, 33, 21-8	2.2	13
39	Delineating ion-ion interactions by electrostatic modeling for predicting rhizotoxicity of metal mixtures to lettuce Lactuca sativa. *Environmental Toxicology and Chemistry*, **2014**, 33, 1988-95	3.8	8
38	Can commonly measurable traits explain differences in metal accumulation and toxicity in earthworm species?. *Ecotoxicology*, **2014**, 23, 21-32	2.9	16
37	Modeling toxicity of binary metal mixtures (Cu(2+) -Ag(+) , Cu(2+) -Zn(2+)) to lettuce, Lactuca sativa, with the biotic ligand model. *Environmental Toxicology and Chemistry*, **2013**, 32, 137-43	3.8	35
36	Modelling metal-metal interactions and metal toxicity to lettuce Lactuca sativa following mixture exposure (Cu□+-Zn□+ and Cu□+-Ag+). *Environmental Pollution*, **2013**, 176, 185-92	9.3	25
35	Predicting copper toxicity to different earthworm species using a multicomponent Freundlich model. *Environmental Science & Technology*, **2013**, 47, 4796-803	10.3	29

34	Predicting effects of cations on copper toxicity to lettuce (Lactuca sativa) by the biotic ligand model. *Environmental Toxicology and Chemistry*, **2012**, 31, 355-9	3.8	42
33	Multimetal accumulation in crustaceans in surface water related to body size and water chemistry. *Environmental Toxicology and Chemistry*, **2012**, 31, 2269-80	3.8	8
32	Simplification of biotic ligand models of Cu, Ni, and Zn by 1-, 2-, and 3-parameter transfer functions. *Integrated Environmental Assessment and Management*, **2012**, 8, 738-48	2.5	13
31	Spatial and temporal variation of watertype-specific no-effect concentrations and risks of Cu, Ni, and Zn. *Environmental Science & Technology*, **2011**, 45, 6049-56	10.3	32
30	Response predictions for organisms water-exposed to metal mixtures: a meta-analysis. *Environmental Toxicology and Chemistry*, **2011**, 30, 1482-7	3.8	89
29	Interactions of cadmium and zinc impact their toxicity to the earthworm Aporrectodea caliginosa. *Environmental Toxicology and Chemistry*, **2011**, 30, 2084-93	3.8	31
28	Smart nanotoxicity testing for biodiversity conservation. *Environmental Science & Technology*, **2011**, 45, 6229-30	10.3	2
27	Metals and Metalloids in Terrestrial Systems: Bioaccumulation,Biomagnification and Subsequent Adverse Effects **2011**, 43-62		7
26	Bioavalibility in Soils **2011**, 721-746		7
25	Toxicological mixture models are based on inadequate assumptions. *Environmental Science & Technology*, **2010**, 44, 4841-2	10.3	44
24	Uptake kinetics of metals by the earthworm Eisenia fetida exposed to field-contaminated soils. *Environmental Pollution*, **2009**, 157, 2622-8	9.3	58
23	Earthworms and Their Use in Eco(toxico)logical Modeling. *Emerging Topics in Ecotoxicology*, **2009**, 177-204		9
22	Ecological effects of diffuse mixed pollution are site-specific and require higher-tier risk assessment to improve site management decisions: a discussion paper. *Science of the Total Environment*, **2008**, 406, 503-17	10.2	37
21	Determining metal origins and availability in fluvial deposits by analysis of geochemical baselines and solid-solution partitioning measurements and modelling. *Environmental Pollution*, **2008**, 156, 832-9	9.3	37
20	Spatial and temporal analysis of pesticides concentrations in surface water: pesticides atlas. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, **2008**, 43, 665-74	2.2	21
19	How subcellular partitioning can help to understand heavy metal accumulation and elimination kinetics in snails. *Environmental Toxicology and Chemistry*, **2008**, 27, 1284	3.8	52
18	Uncertainty of water type-specific hazardous copper concentrations derived with biotic ligand models. *Environmental Toxicology and Chemistry*, **2008**, 27, 2311-9	3.8	11
17	How subcellular partitioning can help to understand heavy metal accumulation and elimination kinetics in snails. *Environmental Toxicology and Chemistry*, **2008**, 27, 1284-92	3.8	11

16	Impact of pH on Cu accumulation kinetics in earthworm cytosol. *Environmental Science & Technology*, **2007**, 41, 2255-60	10.3	20
15	Metal-specific interactions at the interface of chemistry and biology. *Pure and Applied Chemistry*, **2007**, 79, 2351-2366	2.1	19
14	Monitoring metals in terrestrial environments within a bioavailability framework and a focus on soil extraction. *Ecotoxicology and Environmental Safety*, **2007**, 67, 163-79	7	242
13	Metal accumulation in the earthworm Lumbricus rubellus. Model predictions compared to field data. *Environmental Pollution*, **2007**, 146, 428-36	9.3	39
12	Metal accumulation in earthworms inhabiting floodplain soils. *Environmental Pollution*, **2007**, 148, 132-40	9.3	15
11	Kinetics of Zn and Cd accumulation in the isopod Porcellio scaber exposed to contaminated soil and/or food. *Soil Biology and Biochemistry*, **2006**, 38, 1554-1563	7.5	38
10	Copper in the terrestrial environment: Verification of a laboratory-derived terrestrial biotic ligand model to predict earthworm mortality with toxicity observed in field soils. *Soil Biology and Biochemistry*, **2006**, 38, 1788-1796	7.5	27
9	Biological significance of metals partitioned to subcellular fractions within earthworms (Aporrectodea caliginosa). *Environmental Toxicology and Chemistry*, **2006**, 25, 807-14	3.8	85
8	Biphasic elimination and uptake kinetics of Zn and Cd in the earthworm Lumbricus rubellus exposed to contaminated floodplain soil. *Soil Biology and Biochemistry*, **2005**, 37, 1843-1851	7.5	45
7	Surface adsorption of metals onto the earthworm Lumbricus rubellus and the isopod Porcellio scaber is negligible compared to absorption in the body. *Science of the Total Environment*, **2005**, 340, 271-80	10.2	46
6	Internal metal sequestration and its ecotoxicological relevance: a review. *Environmental Science & Technology*, **2004**, 38, 4705-12	10.3	346
5	Oral sealing using glue: a new method to distinguish between intestinal and dermal uptake of metals in earthworms. *Soil Biology and Biochemistry*, **2003**, 35, 125-132	7.5	235
4	Metal uptake from soils and soil-sediment mixtures by larvae of Tenebrio molitor (L.) (Coleoptera). *Ecotoxicology and Environmental Safety*, **2003**, 54, 277-89	7	68
3	Impact of metal pools and soil properties on metal accumulation in Folsomia candida (Collembola). *Environmental Toxicology and Chemistry*, **2001**, 20, 712-720	3.8	42
2	Impact of metal pools and soil properties on metal accumulation in Folsomia candida (Collembola). *Environmental Toxicology and Chemistry*, **2001**, 20, 712-20	3.8	28
1	Emerging investigator series: Perspectives on toxicokinetics of nanoscale plastic debris in organisms. *Environmental Science: Nano*,	7.1	0