

Henriette Selck

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3764766/henriette-selck-publications-by-year.pdf>

Version: 2024-04-26

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.

66

papers

1,841

citations

26

h-index

41

g-index

66

ext. papers

2,057

ext. citations

5.2

avg, IF

4.88

L-index

#	Paper	IF	Citations
66	Particles as carriers of matter in the aquatic environment: Challenges and ways ahead for transdisciplinary research.. <i>Science of the Total Environment</i> , 2022 , 155831	10.2	
65	Biodynamics and adverse effects of CuO nanoparticles and CuCl in the oligochaete : Cu form influence biodynamics in water, but not sediment. <i>Nanotoxicology</i> , 2021 , 15, 673-689	5.3	3
64	Dietary uptake and effects of copper in Sticklebacks at environmentally relevant exposures utilizing stable isotope-labeled CuCl and CuO NPs. <i>Science of the Total Environment</i> , 2021 , 757, 143779	10.2	5
63	A point-of-entry bioaccumulation study of nanoscale pigment copper phthalocyanine in aquatic organisms. <i>Environmental Science: Nano</i> , 2021 , 8, 554-564	7.1	2
62	Influence of Aging on Bioaccumulation and Toxicity of Copper Oxide Nanoparticles and Dissolved Copper in the Sediment-Dwelling Oligochaete : A Long-Term Study Using a Stable Copper Isotope.. <i>Frontiers in Toxicology</i> , 2021 , 3, 737158	1.6	
61	Trophic transfer of CuO NPs from sediment to worms (<i>Tubifex tubifex</i>) to fish (<i>Gasterosteus aculeatus</i>): a comparative study of dissolved Cu and NPs enriched with a stable isotope tracer (⁶⁵ Cu). <i>Environmental Science: Nano</i> , 2020 , 7, 2360-2372	7.1	7
60	Benthic invertebrate and microbial biodiversity in sub-tropical urban rivers: Correlations with environmental variables and emerging chemicals. <i>Science of the Total Environment</i> , 2020 , 709, 136281	10.2	9
59	Effects of sediment-associated Cu on <i>Tubifex tubifex</i> - Insights gained by standard ecotoxicological and novel, but simple, bioturbation endpoints. <i>Environmental Pollution</i> , 2020 , 266, 115251	9.3	5
58	Fate and effects of sediment-associated polycyclic musk HCHB in subtropical freshwater microcosms. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 169, 902-910	7	6
57	Strategies for robust and accurate experimental approaches to quantify nanomaterial bioaccumulation across a broad range of organisms. <i>Environmental Science: Nano</i> , 2019 , 6,	7.1	26
56	Response of sediment bacterial community to triclosan in subtropical freshwater benthic microcosms. <i>Environmental Pollution</i> , 2019 , 248, 676-683	9.3	8
55	Trophic transfer of CuO NPs and dissolved Cu from sediment to worms to fish : a proof-of-concept study. <i>Environmental Science: Nano</i> , 2019 , 6, 1140-1155	7.1	12
54	A biodynamic understanding of dietborne and waterborne Ag uptake from Ag NPs in the sediment-dwelling oligochaete, <i>Tubifex tubifex</i> . <i>NanoImpact</i> , 2018 , 11, 33-41	5.6	3
53	Current Risk Assessment Frameworks Misjudge Risks of Hydrophobic Chemicals. <i>Environmental Science & Technology</i> , 2018 , 52, 1690-1692	10.3	
52	Fate and effects of sediment-associated triclosan in subtropical freshwater microcosms. <i>Aquatic Toxicology</i> , 2018 , 202, 117-125	5.1	4
51	Bioaccumulation and Biotransformation of Triclosan and Galaxolide in the Freshwater Oligochaete <i>Limnodrilus hoffmeisteri</i> in a Water/Sediment Microcosm. <i>Environmental Science & Technology</i> , 2018 , 52, 8390-8398	10.3	17
50	Assessing and managing multiple risks in a changing world-The Roskilde recommendations. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 7-16	3.8	15

49	Occurrence and ecological risk assessment of emerging organic chemicals in urban rivers: Guangzhou as a case study in China. <i>Science of the Total Environment</i> , 2017 , 589, 46-55	10.2	94
48	Ecosystem services deserve better than "dirty paper". <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 867-868	3.8	2
47	An assessment of the importance of exposure routes to the uptake and internal localisation of fluorescent nanoparticles in zebrafish (<i>Danio rerio</i>), using light sheet microscopy. <i>Nanotoxicology</i> , 2017 , 11, 351-359	5.3	38
46	Effects of copper oxide nanoparticles and copper ions to zebrafish (<i>Danio rerio</i>) cells, embryos and fry. <i>Toxicology in Vitro</i> , 2017 , 45, 89-100	3.6	32
45	Bioaccumulation and effects of sediment-associated gold- and graphene oxide nanoparticles on <i>Tubifex tubifex</i> . <i>Journal of Environmental Sciences</i> , 2017 , 51, 138-145	6.4	17
44	Acute toxicity of copper oxide nanoparticles to <i>Daphnia magna</i> under different test conditions. <i>Toxicological and Environmental Chemistry</i> , 2017 , 99, 665-679	1.4	18
43	Toward a conceptual approach for assessing risks from chemical mixtures and other stressors to coastal ecosystem services. <i>Integrated Environmental Assessment and Management</i> , 2017 , 13, 376-386	2.5	11
42	Trophic transfer of metal-based nanoparticles in aquatic environments: a review and recommendations for future research focus. <i>Environmental Science: Nano</i> , 2016 , 3, 966-981	7.1	67
41	Biodynamics of copper oxide nanoparticles and copper ions in an oligochaete - Part II: Subcellular distribution following sediment exposure. <i>Aquatic Toxicology</i> , 2016 , 180, 25-35	5.1	12
40	Nanomaterials in the aquatic environment: A European Union-United States perspective on the status of ecotoxicity testing, research priorities, and challenges ahead. <i>Environmental Toxicology and Chemistry</i> , 2016 , 35, 1055-67	3.8	119
39	Ecotoxicological Risk of Nanomaterials 2015 , 417-440		2
38	Influence of copper oxide nanoparticle form and shape on toxicity and bioaccumulation in the deposit feeder, <i>Capitella teleta</i> . <i>Marine Environmental Research</i> , 2015 , 111, 99-106	3.3	25
37	Biodynamics of copper oxide nanoparticles and copper ions in an oligochaete - Part I: Relative importance of water and sediment as exposure routes. <i>Aquatic Toxicology</i> , 2015 , 164, 81-91	5.1	26
36	Accumulation and effects of sediment-associated silver nanoparticles to sediment-dwelling invertebrates. <i>Aquatic Toxicology</i> , 2015 , 166, 96-105	5.1	31
35	Polycyclic Aromatic Acids Are Primary Metabolites of Alkyl-PAHs-A Case Study with <i>Nereis diversicolor</i> . <i>Environmental Science & Technology</i> , 2015 , 49, 5713-21	10.3	15
34	Influence of copper oxide nanoparticle shape on bioaccumulation, cellular internalization and effects in the estuarine sediment-dwelling polychaete, <i>Nereis diversicolor</i> . <i>Marine Environmental Research</i> , 2015 , 111, 89-98	3.3	37
33	Bioaccumulation, subcellular distribution and toxicity of sediment-associated copper in the ragworm <i>Nereis diversicolor</i> : The relative importance of aqueous copper, copper oxide nanoparticles and microparticles. <i>Environmental Pollution</i> , 2015 , 202, 50-7	9.3	27
32	Biokinetics of different-shaped copper oxide nanoparticles in the freshwater gastropod, <i>Potamopyrgus antipodarum</i> . <i>Aquatic Toxicology</i> , 2015 , 163, 71-80	5.1	19

31	Quantifying uncertainty in the trophic magnification factor related to spatial movements of organisms in a food web. <i>Integrated Environmental Assessment and Management</i> , 2015 , 11, 306-18	2.5	30
30	Toxic mechanisms of copper oxide nanoparticles in epithelial kidney cells. <i>Toxicology in Vitro</i> , 2015 , 29, 1053-9	3.6	52
29	Microplastics: addressing ecological risk through lessons learned. <i>Environmental Toxicology and Chemistry</i> , 2015 , 34, 945-53	3.8	180
28	Bioaccumulation and effects of different-shaped copper oxide nanoparticles in the deposit-feeding snail <i>Potamopyrgus antipodarum</i> . <i>Environmental Toxicology and Chemistry</i> , 2014 , 33, 1976-87	3.8	32
27	Toxicity and bioaccumulation of sediment-associated silver nanoparticles in the estuarine polychaete, <i>Nereis (Hediste) diversicolor</i> . <i>Aquatic Toxicology</i> , 2014 , 156, 106-15	5.1	54
26	Effects, Uptake, and Depuration Kinetics of Silver Oxide and Copper Oxide Nanoparticles in a Marine Deposit Feeder, <i>Macoma balthica</i> . <i>ACS Sustainable Chemistry and Engineering</i> , 2013 , 1, 760-767	8.3	54
25	Toxicity of CuO nanoparticles and Cu ions to tight epithelial cells from <i>Xenopus laevis</i> (A6): effects on proliferation, cell cycle progression and cell death. <i>Toxicology in Vitro</i> , 2013 , 27, 1596-601	3.6	38
24	Effects of <i>Nereis diversicolor</i> on the transformation of 1-methylpyrene and pyrene: transformation efficiency and identification of phase I and II products. <i>Environmental Science & Technology</i> , 2013 , 47, 5383-92	10.3	20
23	Bioaccumulation, toxicokinetics, and effects of copper from sediment spiked with aqueous Cu, nano-CuO, or micro-CuO in the deposit-feeding snail, <i>Potamopyrgus antipodarum</i> . <i>Environmental Toxicology and Chemistry</i> , 2013 , 32, 1561-73	3.8	22
22	Explaining differences between bioaccumulation measurements in laboratory and field data through use of a probabilistic modeling approach. <i>Integrated Environmental Assessment and Management</i> , 2012 , 8, 42-63	2.5	54
21	Effects of sediment-associated copper to the deposit-feeding snail, <i>Potamopyrgus antipodarum</i> : a comparison of Cu added in aqueous form or as nano- and micro-CuO particles. <i>Aquatic Toxicology</i> , 2012 , 106-107, 114-22	5.1	67
20	Fate and effects of acetyl cedrene in sediments inhabited by different densities of the deposit feeder, <i>Capitella teleta</i> . <i>Environmental Toxicology and Chemistry</i> , 2012 , 31, 2639-46	3.8	6
19	Toxic effects and bioaccumulation of nano-, micron- and ionic-Ag in the polychaete, <i>Nereis diversicolor</i> . <i>Aquatic Toxicology</i> , 2011 , 105, 403-11	5.1	81
18	Interpreting toxicity data in a DEB framework: A case study for nonylphenol in the marine polychaete <i>Capitella teleta</i> . <i>Journal of Sea Research</i> , 2011 , 66, 456-462	1.9	19
17	Importance of characterizing nanoparticles before conducting toxicity tests. <i>Integrated Environmental Assessment and Management</i> , 2011 , 7, 502-3	2.5	5
16	Investigation of the fate and effects of acetyl cedrene on <i>Capitella teleta</i> and sediment bacterial community. <i>Ecotoxicology</i> , 2010 , 19, 1046-58	2.9	2
15	Individual- and population-level effects of the synthetic musk, HHCB, on the deposit-feeding polychaete, <i>Capitella</i> sp. I. <i>Environmental Toxicology and Chemistry</i> , 2009 , 28, 2695-705	3.8	21
14	Effects of the polycyclic musk HHCB on individual- and population-level endpoints in <i>Potamopyrgus antipodarum</i> . <i>Ecotoxicology and Environmental Safety</i> , 2009 , 72, 1190-9	7	34

13	Does bisphenol A induce superfeminization in <i>Marisa cornuarietis</i> ? Part I: intra- and inter-laboratory variability in test endpoints. <i>Ecotoxicology and Environmental Safety</i> , 2007 , 66, 309-18	7	20
12	Effects of sediment organic matter quality on bioaccumulation, degradation, and distribution of pyrene in two macrofaunal species and their surrounding sediment. <i>Marine Environmental Research</i> , 2007 , 64, 313-35	3.3	17
11	Effects of food type, feeding frequency, and temperature on juvenile survival and growth of <i>Marisa cornuarietis</i> (Mollusca: Gastropoda). <i>Invertebrate Biology</i> , 2006 , 125, 106-116	1	17
10	Impact of sediment organic matter quality on the fate and effects of fluoranthene in the infaunal brittle star <i>Amphiura filiformis</i> . <i>Marine Environmental Research</i> , 2005 , 59, 19-45	3.3	16
9	Relative importance of macrofaunal burrows for the microbial mineralization of pyrene in marine sediments: impact of macrofaunal species and organic matter quality. <i>Marine Ecology - Progress Series</i> , 2005 , 288, 59-74	2.6	16
8	The relative importance of water and diet for uptake and subcellular distribution of cadmium in the deposit-feeding polychaete, <i>Capitella</i> sp. I. <i>Marine Environmental Research</i> , 2004 , 57, 261-79	3.3	27
7	Uptake, depuration, and toxicity of dissolved and sediment-bound fluoranthene in the polychaete, <i>Capitella</i> sp. I. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 2354-63	3.8	24
6	Biotransformation of dissolved and sediment-bound fluoranthene in the polychaete, <i>Capitella</i> sp. I. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 2364-74	3.8	33
5	Biotransformation and genotoxicity of fluoranthene in the deposit-feeding polychaete <i>Capitella</i> sp. I. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 2977-85	3.8	34
4	Comparing sensitivity of ecotoxicological effect endpoints between laboratory and field. <i>Ecotoxicology and Environmental Safety</i> , 2002 , 52, 97-112	7	34
3	Effects of chronic metal exposure and sediment organic matter on digestive absorption efficiency of cadmium by the deposit-feeding polychaete <i>Capitella</i> species I. <i>Environmental Toxicology and Chemistry</i> , 1999 , 18, 1289-1297	3.8	64
2	. <i>Environmental Toxicology and Chemistry</i> , 1999 , 18, 1289	3.8	3
1	Toxicity and toxicokinetics of cadmium in <i>Capitella</i> sp. I: relative importance of water and sediment as routes of cadmium uptake. <i>Marine Ecology - Progress Series</i> , 1998 , 164, 167-178	2.6	51