

Miriam Hampel

List of Publications by Citations

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41
papers

830
citations

17
h-index

27
g-index

45
ext. papers

941
ext. citations

6.7
avg, IF

4.04
L-index

#	Paper	IF	Citations
41	Behaviour of Au-citrate nanoparticles in seawater and accumulation in bivalves at environmentally relevant concentrations. <i>Environmental Pollution</i> , 2013 , 174, 134-41	9.3	76
40	Endocrine disruption in wildlife: identification and ecological relevance. <i>Science of the Total Environment</i> , 1999 , 233, 1-3	10.2	69
39	Acute toxicity of LAS homologues in marine microalgae: esterase activity and inhibition growth as endpoints of toxicity. <i>Ecotoxicology and Environmental Safety</i> , 2001 , 48, 287-92	7	58
38	Citrate gold nanoparticle exposure in the marine bivalve <i>Ruditapes philippinarum</i> : uptake, elimination and oxidative stress response. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 17414-24	5.1	46
37	Life-cycle studies with marine copepods (<i>Tisbe battagliai</i>) exposed to 20-hydroxyecdysone and diethylstilbestrol. <i>Environmental Toxicology and Chemistry</i> , 1999 , 18, 2914-2920	3.8	45
36	Towards an integrated environmental risk assessment of emissions from ships propulsion systems. <i>Environment International</i> , 2014 , 66, 44-7	12.9	44
35	Assessment of sediment ecotoxicological status as a complementary tool for the evaluation of surface water quality: the Ebro river basin case study. <i>Science of the Total Environment</i> , 2015 , 503-504, 269-78	10.2	34
34	Sediment toxicity tests using benthic marine microalgae <i>Cylindrotheca closterium</i> (Ehremberg) Lewin and Reimann (Bacillariophyceae). <i>Ecotoxicology and Environmental Safety</i> , 2003 , 54, 290-5	7	34
33	Assessing the effect of human pharmaceuticals (carbamazepine, diclofenac and ibuprofen) on the marine clam <i>Ruditapes philippinarum</i> : An integrative and multibiomarker approach. <i>Aquatic Toxicology</i> , 2019 , 208, 146-156	5.1	34
32	Marine microalgae toxicity test for linear alkylbenzene sulfonate (LAS) and alkylphenol ethoxylate (APEO). <i>Fresenius Journal of Analytical Chemistry</i> , 2001 , 371, 474-8		29
31	Anionic surfactant linear alkylbenzene sulfonates (LAS) in sediments from the Gulf of Gdańsk (southern Baltic Sea, Poland) and its environmental implications. <i>Environmental Monitoring and Assessment</i> , 2012 , 184, 6013-23	3.1	28
30	The antidepressant drug carbamazepine induces differential transcriptome expression in the brain of Atlantic salmon, <i>Salmo salar</i> . <i>Aquatic Toxicology</i> , 2014 , 151, 114-23	5.1	27
29	Evaluation of acute effects of four pharmaceuticals and their mixtures on the copepod <i>Tisbe battagliai</i> . <i>Chemosphere</i> , 2016 , 155, 319-328	8.4	22
28	Effects of exposure to pharmaceuticals (diclofenac and carbamazepine) spiked sediments in the midge, <i>Chironomus riparius</i> (Diptera, Chironomidae). <i>Science of the Total Environment</i> , 2017 , 609, 715-723	10.2	20
27	Short-term toxicity tests on the harpacticoid copepod <i>Tisbe battagliai</i> : lethal and reproductive endpoints. <i>Ecotoxicology and Environmental Safety</i> , 2009 , 72, 1881-6	7	18
26	Potential physiological effects of pharmaceutical compounds in Atlantic salmon (<i>Salmo salar</i>) implied by transcriptomic analysis. <i>Environmental Science and Pollution Research</i> , 2010 , 17, 917-33	5.1	18
25	Validation of reference genes for RT-qPCR in marine bivalve ecotoxicology: Systematic review and case study using copper treated primary <i>Ruditapes philippinarum</i> hemocytes. <i>Aquatic Toxicology</i> , 2017 , 185, 86-94	5.1	17

24	Synthesis methods influence characteristics, behaviour and toxicity of bare CuO NPs compared to bulk CuO and ionic Cu after in vitro exposure of <i>Ruditapes philippinarum</i> hemocytes. <i>Aquatic Toxicology</i> , 2018 , 199, 285-295	5.1	16
23	Marine benthic microalgae <i>Cylindrotheca closterium</i> (Ehremberg) Lewin and Reimann (Bacillariophyceae) as a tool for measuring toxicity of linear alkylbenzene sulfonate in sediments. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2003 , 70, 242-7	2.7	16
22	Individual and mixture effects of selected pharmaceuticals on larval development of the estuarine shrimp <i>Palaemon longirostris</i> . <i>Science of the Total Environment</i> , 2016 , 540, 260-6	10.2	15
21	Influence of temperature on toxicity of single pharmaceuticals and mixtures, in the crustacean <i>A. desmarestii</i> . <i>Journal of Hazardous Materials</i> , 2016 , 313, 159-69	12.8	15
20	Is <i>Atyaephyra desmarestii</i> a useful candidate for lethal and sub-lethal toxicity tests on pharmaceutical compounds?. <i>Journal of Hazardous Materials</i> , 2013 , 263 Pt 1, 256-65	12.8	14
19	Derivation of predicted no effect concentrations (PNEC) for marine environmental risk assessment: application of different approaches to the model contaminant Linear Alkylbenzene Sulphonates (LAS) in a site-specific environment. <i>Environment International</i> , 2007 , 33, 486-91	12.9	13
18	Toxicity of linear alkylbenzene sulfonate and one long-chain degradation intermediate, sulfophenyl carboxylic acid on early life-stages of seabream (<i>sparus aurata</i>). <i>Ecotoxicology and Environmental Safety</i> , 2002 , 51, 53-9	7	13
17	Environmental levels of Linear alkylbenzene Sulphonates (LAS) in sediments from the Tagus estuary (Portugal): environmental implications. <i>Environmental Monitoring and Assessment</i> , 2009 , 149, 151-61	3.1	12
16	Chapter 7 Toxicity of surfactants. <i>Comprehensive Analytical Chemistry</i> , 2003 , 40, 827-925	1.9	12
15	Suitability of the marine prosobranch snail <i>Hydrobia ulvae</i> for sediment toxicity assessment: A case study with the anionic surfactant linear alkylbenzene sulphonate (LAS). <i>Ecotoxicology and Environmental Safety</i> , 2009 , 72, 1303-8	7	11
14	Hepatic proteome analysis of Atlantic salmon (<i>Salmo salar</i>) after exposure to environmental concentrations of human pharmaceuticals. <i>Molecular and Cellular Proteomics</i> , 2015 , 14, 371-81	7.6	10
13	Transcriptome analysis of the brain of the sea bream (<i>Sparus aurata</i>) after exposure to human pharmaceuticals at realistic environmental concentrations. <i>Marine Environmental Research</i> , 2017 , 129, 36-45	3.3	8
12	Risk of triclosan based on avoidance by the shrimp <i>Palaemon varians</i> in a heterogeneous contamination scenario: How sensitive is this approach?. <i>Chemosphere</i> , 2019 , 235, 126-135	8.4	8
11	Stress under the sun: Effects of exposure to low concentrations of UV-filter 4- methylbenzylidene camphor (4-MBC) in a marine bivalve filter feeder, the Manila clam <i>Ruditapes philippinarum</i> . <i>Aquatic Toxicology</i> , 2020 , 221, 105418	5.1	7
10	. <i>Environmental Toxicology and Chemistry</i> , 1999 , 18, 2914	3.8	6
9	Biomarkers and Effects 2016 , 121-165		5
8	Assessment of pharmaceutical mixture (ibuprofen, ciprofloxacin and flumequine) effects to the crayfish <i>Procambarus clarkii</i> : A multilevel analysis (biochemical, transcriptional and proteomic approaches). <i>Environmental Research</i> , 2021 , 200, 111396	7.9	5
7	Colonized beads as inoculum for marine biodegradability assessment: application to linear alkylbenzene sulfonate. <i>Environment International</i> , 2009 , 35, 885-92	12.9	4

6	Can early life-stages of the marine fish <i>Sparus aurata</i> be useful for the evaluation of the toxicity of linear alkylbenzene sulphonates homologues (LAS C10-C14) and commercial LAS?. <i>Scientific World Journal, The</i> , 2002 , 2, 1689-98	2.2	1
5	Validation of Reference Genes for RT-qPCR in Marine Bivalve Ecotoxicology: Systematic Review and Case Study		1
4	Ibuprofen and Diclofenac: Effects on Freshwater and Marine Aquatic Organisms [Are They at Risk?]. <i>Handbook of Environmental Chemistry</i> , 2020 , 161-189	0.8	1
3	Multi-omic approach to evaluate the response of gilt-head sea bream (<i>Sparus aurata</i>) exposed to the UV filter sulisobenzone. <i>Science of the Total Environment</i> , 2022 , 803, 150080	10.2	1
2	Occurrence and Effects of Antimicrobials Drugs in Aquatic Ecosystems. <i>Sustainability</i> , 2021 , 13, 13428	3.6	0
1	Biological Effects of Pharmaceuticals in Marine Environment 2017 , 317-349		