Miriam Hampel

List of Publications by Year
in descending order

43 papers	1,083 citations	361045 20 h-index	414034 32 g-index
45 all docs	45 docs citations	45 times ranked	1382 citing authors

#	Article	IF	Citations
1	Behaviour of Au-citrate nanoparticles in seawater and accumulation in bivalves at environmentally relevant concentrations. Environmental Pollution, 2013, 174, 134-141.	3.7	79
2	Impact of natural and synthetic steroids on the survival, development and reproduction of marine copepods (Tisbe battagliai). Science of the Total Environment, 1999, 233, 167-179.	3.9	78
3	Acute Toxicity of LAS Homologues in Marine Microalgae: Esterase Activity and Inhibition Growth as Endpoints of Toxicity. Ecotoxicology and Environmental Safety, 2001, 48, 287-292.	2.9	67
4	Towards an integrated environmental risk assessment of emissions from ships' propulsion systems. Environment International, 2014, 66, 44-47.	4.8	58
5	Assessing the effect of human pharmaceuticals (carbamazepine, diclofenac and ibuprofen) on the marine clam Ruditapes philippinarum: An integrative and multibiomarker approach. Aquatic Toxicology, 2019, 208, 146-156.	1.9	53
6	Lifeâ€cycle studies with marine copepods (Tisbe battagliai) exposed to 20â€hydroxyecdysone and diethylstilbestrol. Environmental Toxicology and Chemistry, 1999, 18, 2914-2920.	2.2	52
7	Citrate gold nanoparticle exposure in the marine bivalve Ruditapes philippinarum: uptake, elimination and oxidative stress response. Environmental Science and Pollution Research, 2015, 22, 17414-17424.	2.7	52
8	Assessment of sediment ecotoxicological status as a complementary tool for the evaluation of surface water quality: the Ebro river basin case study. Science of the Total Environment, 2015, 503-504, 269-278.	3.9	40
9	Anionic surfactant linear alkylbenzene sulfonates (LAS) in sediments from the Gulf of GdaÅ„sk (southern Baltic Sea, Poland) and its environmental implications. Environmental Monitoring and Assessment, 2012, 184, 6013-6023.	1.3	39
10	Sediment toxicity tests using benthic marine microalgae Cylindrotheca closterium (Ehremberg) Lewin and Reimann (Bacillariophyceae). Ecotoxicology and Environmental Safety, 2003, 54, 290-295.	2.9	36
11	The antidepressant drug Carbamazepine induces differential transcriptome expression in the brain of Atlantic salmon, Salmo salar. Aquatic Toxicology, 2014, 151, 114-123.	1.9	35
12	Marine microalgae toxicity test for linear alkylbenzene sulfonate (LAS) and alkylphenol ethoxylate (APEO). Fresenius' Journal of Analytical Chemistry, 2001, 371, 474-478.	1.5	34
13	Validation of reference genes for RT-qPCR in marine bivalve ecotoxicology: Systematic review and case study using copper treated primary Ruditapes philippinarum hemocytes. Aquatic Toxicology, 2017, 185, 86-94.	1.9	30
14	Evaluation of acute effects of four pharmaceuticals and their mixtures on the copepod Tisbe battagliai. Chemosphere, 2016, 155, 319-328.	4.2	29
15	Molecular and cellular effects of contamination in aquatic ecosystems. Environmental Science and Pollution Research, 2015, 22, 17261-17266.	2.7	26
16	Assessment of pharmaceutical mixture (ibuprofen, ciprofloxacin and flumequine) effects to the crayfish Procambarus clarkii: A multilevel analysis (biochemical, transcriptional and proteomic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 137	3.7	25
17	Potential physiological effects of pharmaceutical compounds in Atlantic salmon (Salmo salar) implied by transcriptomic analysis. Environmental Science and Pollution Research, 2010, 17, 917-933.	2.7	23
18	Effects of exposure to pharmaceuticals (diclofenac and carbamazepine) spiked sediments in the midge, Chironomus riparius (Diptera, Chironomidae). Science of the Total Environment, 2017, 609, 715-723.	3.9	23

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19	Short-term toxicity tests on the harpacticoid copepod Tisbe battagliai: Lethal and reproductive endpoints. Ecotoxicology and Environmental Safety, 2009, 72, 1881-1886.	2.9	22
20	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 Ruditapes philippinarum. Aquatic Toxicology, 2020, 221, 105418.	1.9	21
21	Influence of temperature on toxicity of single pharmaceuticals and mixtures, in the crustacean A. desmarestii. Journal of Hazardous Materials, 2016, 313, 159-169.	6.5	19
22	Marine Benthic Microalgae Cylindrotheca closterium (Ehremberg) Lewin and Reimann (Bacillariophyceae) as a Tool for Measuring Toxicity of Linear Alkylbenzene Sulfonate in Sediments. Bulletin of Environmental Contamination and Toxicology, 2003, 70, 242-247.	1.3	18
23	Individual and mixture effects of selected pharmaceuticals on larval development of the estuarine shrimp Palaemon longirostris. Science of the Total Environment, 2016, 540, 260-266.	3.9	18
24	Synthesis methods influence characteristics, behaviour and toxicity of bare CuO NPs compared to bulk CuO and ionic Cu after in vitro exposure of Ruditapes philippinarum hemocytes. Aquatic Toxicology, 2018, 199, 285-295.	1.9	18
25	Toxicity of Linear Alkylbenzene Sulfonate and One Long-Chain Degradation Intermediate, Sulfophenyl Carboxylic Acid on Early Life-Stages of Seabream (Sparus Aurata). Ecotoxicology and Environmental Safety, 2002, 51, 53-59.	2.9	16
26	Chapter 7 Toxicity of surfactants. Comprehensive Analytical Chemistry, 2003, 40, 827-925.	0.7	16
27	Is Atyaephyra desmarestii a useful candidate for lethal and sub-lethal toxicity tests on pharmaceutical compounds?. Journal of Hazardous Materials, 2013, 263, 256-265.	6.5	16
28	Multi-omic approach to evaluate the response of gilt-head sea bream (Sparus aurata) exposed to the UV filter sulisobenzone. Science of the Total Environment, 2022, 803, 150080.	3.9	16
29	Transcriptome analysis of the brain of the sea bream (Sparus aurata) after exposure to human pharmaceuticals at realistic environmental concentrations. Marine Environmental Research, 2017, 129, 36-45.	1.1	15
30	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. Environment International, 2007, 33, 486-491.	4.8	14
31	Hepatic Proteome Analysis of Atlantic Salmon (Salmo salar) After Exposure to Environmental Concentrations of Human Pharmaceuticals. Molecular and Cellular Proteomics, 2015, 14, 371-381.	2.5	14
32	Risk of triclosan based on avoidance by the shrimp Palaemon varians in a heterogeneous contamination scenario: How sensitive is this approach?. Chemosphere, 2019, 235, 126-135.	4.2	14
33	Environmental levels of Linear alkylbenzene Sulfonates (LAS) in sediments from the Tagus estuary (Portugal): environmental implications. Environmental Monitoring and Assessment, 2009, 149, 151-161.	1.3	13
34	Suitability of the marine prosobranch snail Hydrobia ulvae for sediment toxicity assessment: A case study with the anionic surfactant linear alkylbenzene sulphonate (LAS). Ecotoxicology and Environmental Safety, 2009, 72, 1303-1308.	2.9	13
35	Occurrence and Effects of Antimicrobials Drugs in Aquatic Ecosystems. Sustainability, 2021, 13, 13428.	1.6	10
36	LIFE-CYCLE STUDIES WITH MARINE COPEPODS (TISBE BATTAGLIAI) EXPOSED TO 20-HYDROXYECDYSONE AND DIETHYLSTILBESTROL. Environmental Toxicology and Chemistry, 1999, 18, 2914.	2.2	9

#	Article	IF	Citations
37	Biomarkers and Effects. , 2016, , 121-165.		7
38	Colonized beads as inoculum for marine biodegradability assessment: Application to Linear Alkylbenzene Sulfonate. Environment International, 2009, 35, 885-892.	4.8	4
39	Bioaccumulation and biochemical responses in the peppery furrow shell Scrobicularia plana exposed to a pharmaceutical cocktail at sub-lethal concentrations. Ecotoxicology and Environmental Safety, 2022, 242, 113845.	2.9	4
40	Can Early Life-Stages of the Marine FishSparus auratabe Useful for the Evaluation of the Toxicity of Linear Alkylbenzene Sulphonates Homologues (LAS C10-C14) and Commercial LAS?. Scientific World Journal, The, 2002, 2, 1689-1698.	0.8	2
41	Ibuprofen and Diclofenac: Effects on Freshwater and Marine Aquatic Organisms â€“ Are They at Risk?. Handbook of Environmental Chemistry, 2020, , 161-189.	0.2	2
42	Biological Effects of Pharmaceuticals in Marine Environment. , 2017, , 317-349.		0
43	The antibacterials ciprofloxacin, trimethoprim and sulfadiazine modulate gene expression, biomarkers and metabolites associated with stress and growth in gilthead sea bream (Sparus aurata).. Aquatic Toxicology, 2022, 250, 106243.	1.9	0