Albertinka J Murk

List of Publications by Year
in descending order

88	4,881	117625	91884
papers	citations	34 h-index	69 g-index

93	93	93	5367
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In Vitro Profiling of the Endocrine-Disrupting Potency of Brominated Flame Retardants. Toxicological Sciences, 2006, 92, 157-173.	3.1	634
2	Interactions of Persistent Environmental Organohalogens With the Thyroid Hormone System: Mechanisms and Possible Consequences for Animal and Human Health. Toxicology and Industrial Health, 1998, 14, 59-84.	1.4	520
3	Biotransformation of brominated flame retardants into potentially endocrineâ€disrupting metabolites, with special attention to 2,2â€²,4,4â€²â€tetrabromodiphenyl ether (BDEâ€47). Molecular Nutrition and Food Research, 2008, 52, 284-298.	3.3	202
4	Detection of estrogenic potency in wastewater and surface water with three in vitro bioassays. Environmental Toxicology and Chemistry, 2002, 21, 16-23.	4.3	201
5	Comparison of in Vivo and in Vitro Reporter Gene Assays for Short-Term Screening of Estrogenic Activity. Environmental Science & Technology, 2002, 36, 4410-4415.	10.0	183
6	Mechanism-based testing strategy using in vitro approaches for identification of thyroid hormone disrupting chemicals. Toxicology in Vitro, 2013, 27, 1320-1346.	2.4	165
7	Biosensor discovery of thyroxine transport disrupting chemicals. Toxicology and Applied Pharmacology, 2008, 232, 150-160.	2.8	164
8	Detection of estrogenic activity in sediment-associated compounds using in vitro reporter gene assays. Science of the Total Environment, 2002, 293, 69-83.	8.0	156
9	A European perspective on alternatives to animal testing for environmental hazard identification and risk assessment. Regulatory Toxicology and Pharmacology, 2013, 67, 506-530.	2.7	139
10	Detection of thyroid hormone receptor disruptors by a novel stable in vitro reporter gene assay. Toxicology in Vitro, 2011, 25, 257-266.	2.4	137
11	The stimulation of cell proliferation by quercetin is mediated by the estrogen receptor. Molecular Nutrition and Food Research, 2005, 49, 763-771.	3.3	110
12	Effects of silver nanoparticles and ions on a co-culture model for the gastrointestinal epithelium. Particle and Fibre Toxicology, 2015, 13, 9.	6.2	99
13	Environmental benefits of leaving offshore infrastructure in the ocean. Frontiers in Ecology and the Environment, 2018, 16, 571-578.	4.0	93
14	A Novel in Vivo Bioassay for (Xeno-)estrogens Using Transgenic Zebrafish. Environmental Science & Technology, 2000, 34, 4439-4444.	10.0	88
15	TOXICOLOGICAL PROFILING OF SEDIMENTS USING IN VITRO BIOASSAYS, WITH EMPHASIS ON ENDOCRINE DISRUPTION. Environmental Toxicology and Chemistry, 2004, 23, 32.	4.3	87
16	Persistent Toxic Burdens of Halogenated Phenolic Compounds in Humans and Wildlife. Environmental Science & Technology, 2013, 47, 6071-6081.	10.0	84
17	T-screen to quantify functional potentiating, antagonistic and thyroid hormone-like activities of poly halogenated aromatic hydrocarbons (PHAHs). Toxicology in Vitro, 2006, 20, 490-498.	2.4	79
18	T-Screen as a tool to identify thyroid hormone receptor active compounds. Environmental Toxicology and Pharmacology, 2005, 19, 231-238.	4.0	74

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19	Estrogenic Potency of Food-Packaging-Associated Plasticizers and Antioxidants As Detected in ERÎ± and ERÎ² Reporter Gene Cell Lines. Journal of Agricultural and Food Chemistry, 2006, 54, 4407-4416.	5.2	74
20	The calux (chemicalâ€activated luciferase expression) assay adapted and validated for measuring TCDD equivalents in blood plasma. Environmental Toxicology and Chemistry, 1997, 16, 1583-1589.	4.3	71
21	PCBs and the energy cost of migration in the European eel (Anguilla anguilla L.). Aquatic Toxicology, 2009, 92, 213-220.	4.0	64
22	Chemical dispersants: Oil biodegradation friend or foe?. Marine Pollution Bulletin, 2016, 108, 113-119.	5.0	63
23	Effects of oral exposure to polychlorinated biphenyls (PCBs) on the development and metamorphosis of two amphibian species (Xenopus laevis and Rana temporaria). Science of the Total Environment, 2000, 262, 147-157.	8.0	62
24	Was the extreme and wide-spread marine oil-snow sedimentation and flocculent accumulation (MOSSFA) event during the Deepwater Horizon blow-out unique?. Marine Pollution Bulletin, 2015, 100, 5-12.	5.0	62
25	In vitro steroidogenic effects of mixtures of persistent organic pollutants (POPs) extracted from burbot (Lota lota) caught in two Norwegian lakes. Science of the Total Environment, 2011, 409, 2040-2048.	8.0	58
26	In vitro metabolism of 3,3â€²,4,4â€²-tetrachlorobiphenyl in relation to ethoxyresorufin-O-deethylase activity in liver microsomes of some wildlife species and rat. European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section, 1994, 270, 253-261.	0.8	56
27	Prolonged ELS test with the marine flatfish sole (Solea solea) shows delayed toxic effects of previous exposure to PCB 126. Aquatic Toxicology, 2008, 90, 197-203.	4.0	53
28	Oil spill dispersants induce formation of marine snow by phytoplankton-associated bacteria. Marine Pollution Bulletin, 2016, 104, 294-302.	5.0	48
29	Early life exposure to PCB126 results in delayed mortality and growth impairment in the zebrafish larvae. Aquatic Toxicology, 2015, 169, 168-178.	4.0	47
30	Early life developmental effects of marine persistent organic pollutants on the sea urchin Psammechinus miliaris. Ecotoxicology and Environmental Safety, 2011, 74, 2182-2192.	6.0	46
31	Adding insult to injury: Effects of chronic oxybenzone exposure and elevated temperature on two reef-building corals. Science of the Total Environment, 2020, 733, 139030.	8.0	44
32	Biological and chemical analysis of the toxic potency of pesticides in rainwater. Chemosphere, 2001, 45, 609-624.	8.2	42
33	Persistent organic pollutants alter DNA methylation during human adipocyte differentiation. Toxicology in Vitro, 2017, 40, 79-87.	2.4	38
34	The NET effect of dispersants â€" a critical review of testing and modelling of surface oil dispersion. Marine Pollution Bulletin, 2015, 100, 102-111.	5.0	35
35	Estrogenic and esterase-inhibiting potency in rainwater in relation to pesticide concentrations, sampling season and location. Environmental Pollution, 2003, 123, 47-65.	7.5	34
36	Inhibition of cellular efflux pumps involved in multi xenobiotic resistance (MXR) in echinoid larvae as a possible mode of action for increased ecotoxicological risk of mixtures. Ecotoxicology, 2012, 21, 2276-2287.	2.4	34

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37	Steroid hormone related effects of marine persistent organic pollutants in human H295R adrenocortical carcinoma cells. Toxicology in Vitro, 2015, 29, 769-778.	2.4	31
38	A synchronized amphibian metamorphosis assay as an improved tool to detect thyroid hormone disturbance by endocrine disruptors and apolar sediment extracts. Chemosphere, 2007, 70, 93-100.	8.2	30
39	QSAR Models for Predicting in Vivo Aquatic Toxicity of Chlorinated Alkanes to Fish. Chemical Research in Toxicology, 2008, 21, 739-745.	3.3	29
40	How oil properties and layer thickness determine the entrainment of spilled surface oil. Marine Pollution Bulletin, 2016, 110, 184-193.	5.0	27
41	Marine snow increases the adverse effects of oil on benthic invertebrates. Marine Pollution Bulletin, 2018, 126, 339-348.	5.0	26
42	Inhibition of multixenobiotic resistance transporters (MXR) by silver nanoparticles and ions in vitro and in Daphnia magna. Science of the Total Environment, 2016, 569-570, 681-689.	8.0	25
43	A critical review of marine mammal governance and protection in Indonesia. Marine Policy, 2020, 117, 103893.	3.2	25
44	Internal effect concentrations of organic substances for early life development of egg-exposed fish. Ecotoxicology and Environmental Safety, 2014, 101, 14-22.	6.0	24
45	Comprehensive DNA Methylation and Gene Expression Profiling in Differentiating Human Adipocytes. Journal of Cellular Biochemistry, 2016, 117, 2707-2718.	2.6	24
46	Association between DNA methylation profiles in leukocytes and serum levels of persistent organic pollutants in Dutch men. Environmental Epigenetics, 2017, 3, dvx001.	1.8	24
47	The Effect of Depth on the Morphology, Bacterial Clearance, and Respiration of the Mediterranean Sponge Chondrosia reniformis (Nardo, 1847). Marine Drugs, 2020, 18, 358.	4.6	24
48	Delayed effects of environmentally relevant concentrations of 3,3â€²,4,4â€²-tetrachlorobiphenyl (PCB-77) and non-polar sediment extracts detected in the prolonged-FETAX. Science of the Total Environment, 2007, 381, 307-315.	8.0	23
49	Oil biodegradation: Interactions of artificial marine snow, clay particles, oil and Corexit. Marine Pollution Bulletin, 2017, 125, 186-191.	5.0	22
50	Identification of Thyroid Hormone Receptor Active Compounds Using a Quantitative High-Throughput Screening Platform. Current Chemical Genomics and Translational Medicine, 2014, 8, 36-46.	4.3	21
51	Food-associated estrogenic compounds induce estrogen receptor-mediated luciferase gene expression in transgenic male mice. Chemico-Biological Interactions, 2008, 174, 126-133.	4.0	20
52	The toxic exposure of flamingos to per - and Polyfluoroalkyl substances (PFAS) from firefighting foam applications in Bonaire. Marine Pollution Bulletin, 2017, 124, 102-111.	5.0	20
53	Effect of combining in vitro estrogenicity data with kinetic characteristics of estrogenic compounds on the in vivo predictive value. Toxicology in Vitro, 2013, 27, 44-51.	2.4	17
54	Pâ€gp efflux pump inhibition potential of common environmental contaminants determined in vitro. Environmental Toxicology and Chemistry, 2014, 33, 804-813.	4.3	17

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55	A multi-tiered, in vivo, quantitative assay suite for environmental disruptors of thyroid hormone signaling. Aquatic Toxicology, 2017, 190, 1-10.	4.0	17
56	Cetacean habitat modelling to inform conservation management, marine spatial planning, and as a basis for anthropogenic threat mitigation in Indonesia. Ocean and Coastal Management, 2021, 205, 105555.	4.4	16
57	Policy relevant results from an expert elicitation on the health risks of phthalates. Environmental Health, 2012, 11, S6.	4.0	15
58	Accumulation of persistent organic pollutants in consumers of eel from polluted rivers compared to marketable eel. Environmental Pollution, 2016, 219, 80-88.	7.5	15
59	Low organotin contamination of harbour sediment in Svalbard. Polar Biology, 2016, 39, 1699-1709.	1.2	15
60	Predicting the consequence of natural and chemical dispersion for oil slick size over time. Journal of Geophysical Research: Oceans, 2017, 122, 7312-7324.	2.6	15
61	The effects of experimental oil-contaminated marine snow on meiofauna in a microcosm. Marine Pollution Bulletin, 2020, 150, 110656.	5.0	15
62	Geosmin depuration from European eel (Anguilla anguilla) is not affected by the water renewal rate of depuration tanks. Aquaculture Research, 2017, 48, 4646-4655.	1.8	14
63	Early detection of marine non-indigenous species on Svalbard by DNA metabarcoding of sediment. Polar Biology, 2021, 44, 653-665.	1.2	14
64	Trialkyltin Rexinoid-X Receptor Agonists Selectively Potentiate Thyroid Hormone Induced Programs of Xenopus laevis Metamorphosis. Endocrinology, 2016, 157, 2712-2723.	2.8	13
65	Perceived versus real toxicological safety of pangasius catfish: a review modifying market perspectives. Reviews in Aquaculture, 2018, 10, 123-134.	9.0	13
66	Ecotoxicological benthic impacts of experimental oil-contaminated marine snow deposition. Marine Pollution Bulletin, 2019, 141, 164-175.	5.0	13
67	In vitro pituitary and thyroid cell proliferation assays and their relevance as alternatives to animal testing. ALTEX: Alternatives To Animal Experimentation, 2013, 30, 293-307.	1.5	12
68	NanoSIMS50 â€" a powerful tool to elucidate cellular localization of halogenated organic compounds. Analytical and Bioanalytical Chemistry, 2012, 404, 2693-2698.	3.7	11
69	Policy relevant Results from an Expert Elicitation on the Human Health Risks of Decabromodiphenyl ether (decaBDE) and Hexabromocyclododecane (HBCD). Environmental Health, 2012, 11, S7.	4.0	11
70	Increased and sex-selective avian predation of desert locusts Schistocerca gregaria treated with Metarhizium acridum. PLoS ONE, 2021, 16, e0244733.	2.5	11
71	Experimental validation of geosmin uptake in rainbow trout,Oncorhynchus mykiss(Waldbaum) suggests biotransformation. Aquaculture Research, 2018, 49, 668-675.	1.8	10
72	A treasure from the past: Former sperm whale distribution in Indonesian waters unveiled using distribution models and historical whaling data. Journal of Biogeography, 2020, 47, 2102-2116.	3.0	10

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73	Telemetry-based home range and habitat modelling reveals that the majority of areas important for pygmy blue whales are currently unprotected. Biological Conservation, 2022, 272, 109594.	4.1	10
74	Estrogenicity of food-associated estrogenic compounds in the fetuses of female transgenic mice upon oral and IP maternal exposure. Reproductive Toxicology, 2009, 27, 133-139.	2.9	9
75	Using Cost-Effective Surveys From Platforms of Opportunity to Assess Cetacean Occurrence Patterns for Marine Park Management in the Heart of the Coral Triangle. Frontiers in Marine Science, 2020, 7, .	2.5	6
76	Development of a transcription-based bioanalytical tool to quantify the toxic potencies of hydrophilic compounds in water using the nematode Caenorhabditis elegans. Ecotoxicology and Environmental Safety, 2021, 227, 112923.	6.0	6
77	Design for large-scale maricultures of the Mediterranean demosponge Chondrosia reniformis Nardo, 1847 for collagen production. Aquaculture, 2022, 548, 737702.	3.5	6
78	Maternally transferred dioxinâ€like compounds can affect the reproductive success of European eel. Environmental Toxicology and Chemistry, 2016, 35, 241-246.	4.3	5
79	Historical reconstruction of sturgeon (Acipenser spp.) spatiotemporal distribution and causes for their decline in North-Western Europe. Biodiversity and Conservation, 2022, 31, 1149-1173.	2.6	5
80	Differential expression of genes in C. elegans reveals transcriptional responses to indirect-acting xenobiotic compounds and insensitivity to 2,3,7,8-tetrachlorodibenzodioxin. Ecotoxicology and Environmental Safety, 2022, 233, 113344.	6.0	5
81	A Predictive Strategy for Mapping Locations Where Future MOSSFA Events Are Expected. , 2020, , 355-368.		3
82	Marine Snow-Oil Interaction Affects n-Alkane Biodegradation in Sediment. Water, Air, and Soil Pollution, 2022, 233, 1.	2.4	3
83	The Potential Impact of Underwater Exhausted CO2 from Innovative Ships on Invertebrate Communities. International Journal of Environmental Research, 2019, 13, 669-678.	2.3	2
84	Effects of Oil Properties and Slick Thickness on Dispersant Field Effectiveness and Oil Fate. , 2020, , 155-169.		1
85	Title is missing!. , 2021, 16, e0244733.		0
86	Title is missing!. , 2021, 16, e0244733.		0
87	Title is missing!. , 2021, 16, e0244733.		0
88	Title is missing!. , 2021, 16, e0244733.		0