Per-Erik Olsson

List of Publications by Year in Descending Order

52 papers	1,531 citations	22 h-index	38 g-index
55 ext. papers	1,776 ext. citations	5.2 avg, IF	4.75 L-index

#	Paper	IF	Citations
52	Transcriptional responses of Daphnia magna exposed to Akaki river water.. *Environmental Monitoring and Assessment*, **2022**, 194, 349	3.1	
51	Lysinibacillus sphaericus mediates stress responses and attenuates arsenic toxicity in Caenorhabditis elegans.. *Science of the Total Environment*, **2022**, 155377	10.2	0
50	The brominated flame retardants TBECH and DPTE alter prostate growth, histology and gene expression patterns in the mouse. *Reproductive Toxicology*, **2021**, 102, 43-55	3.4	
49	In silico and in vitro assessment of androgen receptor antagonists. *Computational Biology and Chemistry*, **2021**, 92, 107490	3.6	2
48	Sublethal effects of DBE-DBCH diastereomers on physiology, behavior, and gene expression of Daphnia magna. *Environmental Pollution*, **2021**, 284, 117091	9.3	2
47	Perfluorinated alkyl substances impede growth, reproduction, lipid metabolism and lifespan in Daphnia magna. *Science of the Total Environment*, **2020**, 737, 139682	10.2	16
46	Nonsteroidal anti-inflammatory drugs (NSAIDs) cause male-biased sex differentiation in zebrafish. *Aquatic Toxicology*, **2020**, 223, 105476	5.1	6
45	Zebrafish cyp17a1 knockout reveals that androgen-mediated signaling is important for male brain sex differentiation. *General and Comparative Endocrinology*, **2020**, 295, 113490	3	9
44	The food preservative ethoxyquin impairs zebrafish development, behavior and alters gene expression profile. *Food and Chemical Toxicology*, **2020**, 135, 110926	4.7	8
43	Species differences in ligand interaction and activation of estrogen receptors in fish and human. *Journal of Steroid Biochemistry and Molecular Biology*, **2019**, 195, 105450	5.1	8
42	Metal contaminated soil leachates from an art glass factory elicit stress response, alter fatty acid metabolism and reduce lifespan in Caenorhabditis elegans. *Science of the Total Environment*, **2019**, 651, 2218-2227	10.2	12
41	Distinct transcriptional response of Caenorhabditis elegans to different exposure routes of perfluorooctane sulfonic acid. *Environmental Research*, **2019**, 168, 406-413	7.9	10
40	Discovery of novel 5-methyl-1H-pyrazole derivatives as potential antiprostate cancer agents: Design, synthesis, molecular modeling, and biological evaluation. *Chemical Biology and Drug Design*, **2018**, 91, 1113-1124	2.9	2
39	Germ cell depletion in zebrafish leads to incomplete masculinization of the brain. *General and Comparative Endocrinology*, **2018**, 265, 15-21	3	6
38	Androgen receptor modulation following combination exposure to brominated flame-retardants. *Scientific Reports*, **2018**, 8, 4843	4.9	11
37	Testis transcriptome alterations in zebrafish (Danio rerio) with reduced fertility due to developmental exposure to 17α-ethinyl estradiol. *General and Comparative Endocrinology*, **2018**, 262, 44-58	3	15
36	Di(2-ethylhexyl) phthalate and diethyl phthalate disrupt lipid metabolism, reduce fecundity and shortens lifespan of Caenorhabditis elegans. *Chemosphere*, **2018**, 190, 375-382	8.4	50

35	Development of Escherichia coli-based gene expression profiling of sewage sludge leachates. *Journal of Applied Microbiology*, **2018**, 125, 1502-1517	4.7	2
34	Heat Shock Factor 5 Is Essential for Spermatogenesis in Zebrafish. *Cell Reports*, **2018**, 25, 3252-3261.e4	10.6	13
33	Transcriptional responses of zebrafish to complex metal mixtures in laboratory studies overestimates the responses observed with environmental water. *Science of the Total Environment*, **2017**, 584-585, 1138-1146	10.2	6
32	Regulation of zebrafish gonadal sex differentiation. *AIMS Molecular Science*, **2016**, 3, 567-584	0.9	6
31	TBECH, 1,2-dibromo-4-(1,2 dibromoethyl) cyclohexane, alters androgen receptor regulation in response to mutations associated with prostate cancer. *Toxicology and Applied Pharmacology*, **2016**, 307, 91-101	4.6	11
30	In silico and biological analysis of anti-androgen activity of the brominated flame retardants ATE, BATE and DPTE in zebrafish. *Chemico-Biological Interactions*, **2015**, 233, 35-45	5	7
29	Identification of a group of brominated flame retardants as novel androgen receptor antagonists and potential neuronal and endocrine disrupters. *Environment International*, **2015**, 74, 60-70	12.9	27
28	Zebrafish sexual behavior: role of sex steroid hormones and prostaglandins. *Behavioral and Brain Functions*, **2015**, 11, 23	4.1	32
27	The brominated flame retardants TBP-AE and TBP-DBPE antagonize the chicken androgen receptor and act as potential endocrine disrupters in chicken LMH cells. *Toxicology in Vitro*, **2015**, 29, 1993-2000	3.6	9
26	Inhibition of retinoic acid synthesis disrupts spermatogenesis and fecundity in zebrafish. *General and Comparative Endocrinology*, **2015**, 217-218, 81-91	3	20
25	Comparative Analysis of Stress Induced Gene Expression in Caenorhabditis elegans following Exposure to Environmental and Lab Reconstituted Complex Metal Mixture. *PLoS ONE*, **2015**, 10, e0132896	3.7	15
24	Contribution of pharmaceuticals, fecal bacteria and endotoxin to the inflammatory responses to inland waters. *Science of the Total Environment*, **2014**, 488-489, 228-35	10.2	8
23	Short-term treatment of adult male zebrafish (Danio Rerio) with 17Ethinyl estradiol affects the transcription of genes involved in development and male sex differentiation. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2014**, 164, 35-42	3.2	29
22	Juvenile ovary to testis transition in zebrafish involves inhibition of ptges. *Biology of Reproduction*, **2014**, 91, 33	3.9	34
21	1,2-Dibromo-4-(1,2 dibromoethyl) cyclohexane (TBECH)-mediated steroid hormone receptor activation and gene regulation in chicken LMH cells. *Environmental Toxicology and Chemistry*, **2014**, 33, 891-9	3.8	29
20	The brominated flame retardant TBECH activates the zebrafish (Danio rerio) androgen receptor, alters gene transcription and causes developmental disturbances. *Aquatic Toxicology*, **2013**, 142-143, 63-72	5.1	44
19	Differential regulation of the rainbow trout (Oncorhynchus mykiss) MT-A gene by nuclear factor interleukin-6 and activator protein-1. *BMC Molecular Biology*, **2013**, 14, 28	4.5	8
18	Activation of NF-B protein prevents the transition from juvenile ovary to testis and promotes ovarian development in zebrafish. *Journal of Biological Chemistry*, **2012**, 287, 37926-38	5.4	46

17	Diastereomers of the brominated flame retardant 1,2-dibromo-4-(1,2 dibromoethyl)cyclohexane induce androgen receptor activation in the hepg2 hepatocellular carcinoma cell line and the lncap prostate cancer cell line. *Environmental Health Perspectives*, **2009**, 117, 1853-9	8.4	55
16	In vitro analysis of inflammatory responses following environmental exposure to pharmaceuticals and inland waters. *Science of the Total Environment*, **2009**, 407, 1452-60	10.2	22
15	Sox9a regulation of ff1a in zebrafish (Danio rerio) suggests an involvement of ff1a in cartilage development. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2009**, 153, 39-43	2.6	3
14	Long and winding roads: testis differentiation in zebrafish. *Molecular and Cellular Endocrinology*, **2009**, 312, 35-41	4.4	118
13	Zebrafish androgen receptor: isolation, molecular, and biochemical characterization. *Biology of Reproduction*, **2008**, 78, 361-9	3.9	96
12	Identification of the brominated flame retardant 1,2-dibromo-4-(1,2-dibromoethyl)cyclohexane as an androgen agonist. *Journal of Medicinal Chemistry*, **2006**, 49, 7366-72	8.3	54
11	Molecular cloning and characterization of a nuclear androgen receptor activated by 11-ketotestosterone. *Reproductive Biology and Endocrinology*, **2005**, 3, 37	5	72
10	Zebrafish sex determination and differentiation: involvement of FTZ-F1 genes. *Reproductive Biology and Endocrinology*, **2005**, 3, 63	5	132
9	Determination of the expression pattern of the dual promoter of zebrafish fushi tarazu factor-1a following microinjections into zebrafish one cell stage embryos. *General and Comparative Endocrinology*, **2005**, 142, 222-6	3	5
8	Bioaccumulation of selected PCBs in zebrafish, three-spined stickleback, and arctic char after three different routes of exposure. *Archives of Environmental Contamination and Toxicology*, **2001**, 40, 519-30	3.2	46
7	Developmental expression patterns of FTZ-F1 homologues in zebrafish (Danio rerio). *General and Comparative Endocrinology*, **2001**, 121, 146-55	3	30
6	LH-β and FSH-β mRNA expression in nesting and post-breeding three-spined stickleback, Gasterosteus aculeatus, and effects of castration on expression of LH-β, FSH-β and spiggin mRNA. *Fish Physiology and Biochemistry*, **2001**, 25, 311-317	2.7	8
5	Generating transparent zebrafish: a refined method to improve detection of gene expression during embryonic development. *Marine Biotechnology*, **2001**, 3, 522-7	3.4	213
4	Arctic char (Salvelinus alpinus) metallothionein: cDNA sequence, expression, and tissue-specific inhibition of cadmium-mediated metallothionein induction by 17β-estradiol, 4-OH-PCB 30, and PCB 104. *Environmental Toxicology and Chemistry*, **2000**, 19, 638-645	3.8	33
3	Early life-stage mortality in zebrafish (Danio rerio) following maternal exposure to polychlorinated biphenyls and estrogen. *Environmental Toxicology and Chemistry*, **2000**, 19, 1582-1588	3.8	36
2	Involvement of differential metallothionein expression in free radical sensitivity of RTG-2 and CHSE-214 cells. *Free Radical Biology and Medicine*, **2000**, 28, 1628-37	7.8	36
1	Structural and functional analysis of the rainbow trout (Oncorhyncus mykiss) metallothionein-A gene. *FEBS Journal*, **1995**, 230, 344-9		69