Per-Erik Olsson

List of Publications by Year
in descending order

54	1,989	279487 23	253896 43
papers	citations	h-index	g-index

55	55	55	2548
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Generating Transparent Zebrafish: A Refined Method to Improve Detection of Gene Expression During Embryonic Development. Marine Biotechnology, 2001, 3, 0522-0527.	1.1	294
2	Zebrafish sex determination and differentiation: involvement of FTZ-F1 genes. Reproductive Biology and Endocrinology, 2005, 3, 63.	1.4	160
3	Long and winding roads: Testis differentiation in zebrafish. Molecular and Cellular Endocrinology, 2009, 312, 35-41.	1.6	139
4	Zebrafish Androgen Receptor: Isolation, Molecular, and Biochemical Characterization1. Biology of Reproduction, 2008, 78, 361-369.	1.2	109
5	Molecular cloning and characterization of a nuclear androgen receptor activated by 11-ketotestosterone. Reproductive Biology and Endocrinology, 2005, 3, 37.	1.4	84
6	Di(2-ethylhexyl) phthalate and diethyl phthalate disrupt lipid metabolism, reduce fecundity and shortens lifespan of Caenorhabditis elegans. Chemosphere, 2018, 190, 375-382.	4.2	76
7	Structural and Functional Analysis of the Rainbow Trout (Oncorhyncus mykiss) Metallothionein-A Gene. FEBS Journal, 1995, 230, 344-349.	0.2	70
8	Identification of the Brominated Flame Retardant 1,2-Dibromo-4-(1,2-dibromoethyl)cyclohexane as an Androgen Agonist. Journal of Medicinal Chemistry, 2006, 49, 7366-7372.	2.9	63
9	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, 1853-1859.	2.8	61
10	Activation of NF-Î²B Protein Prevents the Transition from Juvenile Ovary to Testis and Promotes Ovarian Development in Zebrafish. Journal of Biological Chemistry, 2012, 287, 37926-37938.	1.6	59
11	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, 519-530.	2.1	54
12	Zebrafish sexual behavior: role of sex steroid hormones and prostaglandins. Behavioral and Brain Functions, 2015, 11, 23.	1.4	54
13	Perfluorinated alkyl substances impede growth, reproduction, lipid metabolism and lifespan in Daphnia magna. Science of the Total Environment, 2020, 737, 139682.	3.9	52
14	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.	1.9	50
15	Involvement of differential metallothionein expression in free radical sensitivity of RTG-2 and CHSE-214 cells. Free Radical Biology and Medicine, 2000, 28, 1628-1637.	1.3	42
16	Juvenile Ovary to Testis Transition in Zebrafish Involves Inhibition of Ptges1. Biology of Reproduction, 2014, 91, 33.	1.2	42
17	Early lifeâ€stage mortality in zebrafish (Danio rerio) following maternal exposure to polychlorinated biphenyls and estrogen. Environmental Toxicology and Chemistry, 2000, 19, 1582-1588.	2.2	39
18	Developmental Expression Patterns of FTZ-F1 Homologues in Zebrafish (Danio rerio). General and Comparative Endocrinology, 2001, 121, 146-155.	0.8	38

#	Article	IF	Citations
19	Arctic char (Salvelinus alpinus) metallothionein: cDNA sequence, expression, and tissueâ€specific inhibition of cadmiumâ€mediated metallothionein induction by 17Î²â€estradiol, 4â€OHâ€PCB 30, and PCB 104. Environmental Toxicology and Chemistry, 2000, 19, 638-645.	2.2	36
20	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.	4.8	34
21	1,2â€dibromoâ€4â€(1,2 dibromoethyl) cyclohexane (TBECH)â€“mediated steroid hormone receptor activation and gene regulation in chicken LMH cells. Environmental Toxicology and Chemistry, 2014, 33, 891-899.	2.2	32
22	Short-term treatment of adult male zebrafish (Danio Rerio) with 17Î±-ethinyl 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.	1.3	31
23	Inhibition of retinoic acid synthesis disrupts spermatogenesis and fecundity in zebrafish. General and Comparative Endocrinology, 2015, 217-218, 81-91.	0.8	26
24	Heat Shock Factor 5 Is Essential for Spermatogenesis in Zebrafish. Cell Reports, 2018, 25, 3252-3261.e4.	2.9	26
25	In vitro analysis of inflammatory responses following environmental exposure to pharmaceuticals and inland waters. Science of the Total Environment, 2009, 407, 1452-1460.	3.9	22
26	Testis transcriptome alterations in zebrafish (Danio rerio) with reduced fertility due to developmental exposure to 17Î±-ethinyl estradiol. General and Comparative Endocrinology, 2018, 262, 44-58.	0.8	20
27	Zebrafish cyp17a1 knockout reveals that androgen-mediated signaling is important for male brain sex differentiation. General and Comparative Endocrinology, 2020, 295, 113490.	0.8	20
28	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.	1.1	20
29	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.	3.9	18
30	Distinct transcriptional response of Caenorhabditis elegans to different exposure routes of perfluorooctane sulfonic acid. Environmental Research, 2019, 168, 406-413.	3.7	16
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.	1.3	15
32	Androgen receptor modulation following combination exposure to brominated flame-retardants. Scientific Reports, 2018, 8, 4843.	1.6	14
33	The food preservative ethoxyquin impairs zebrafish development, behavior and alters gene expression profile. Food and Chemical Toxicology, 2020, 135, 110926.	1.8	14
34	Nonsteroidal anti-inflammatory drugs (NSAIDs) cause male-biased sex differentiation in zebrafish. Aquatic Toxicology, 2020, 223, 105476.	1.9	14
35	In silico and in vitro assessment of androgen receptor antagonists. Computational Biology and Chemistry, 2021, 92, 107490.	1.1	14
36	Germ cell depletion in zebrafish leads to incomplete masculinization of the brain. General and Comparative Endocrinology, 2018, 265, 15-21.	0.8	12

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37	Species differences in ligand interaction and activation of estrogen receptors in fish and human. Journal of Steroid Biochemistry and Molecular Biology, 2019, 195, 105450.	1.2	12
38	Contribution of pharmaceuticals, fecal bacteria and endotoxin to the inflammatory responses to inland waters. Science of the Total Environment, 2014, 488-489, 228-235.	3.9	10
39	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.	1.1	10
40	Regulation of zebrafish gonadal sex differentiation. AIMS Molecular Science, 2016, 3, 567-584.	0.3	10
41	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.	3.0	9
42	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.	3.9	9
43	Title is missing!. Fish Physiology and Biochemistry, 2001, 25, 311-317.	0.9	8
44	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.	1.7	8
45	Sublethal effects of DBE-DBCH diastereomers on physiology, behavior, and gene expression of Daphnia magna. Environmental Pollution, 2021, 284, 117091.	3.7	8
46	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, 222-226.	0.8	7
47	Lysinibacillus sphaericus mediates stress responses and attenuates arsenic toxicity in Caenorhabditis elegans. Science of the Total Environment, 2022, 835, 155377.	3.9	6
48	The brominated flame retardants TBECH and DPTE alter prostate growth, histology and gene expression patterns in the mouse. Reproductive Toxicology, 2021, 102, 43-55.	1.3	4
49	Influence of water hardness on zinc toxicity in <scp> Daphnia magna </scp>. Journal of Applied Toxicology, 2022, , .	1.4	4
50	Antimicrobial resistance genes in microbiota associated with sediments and water from the Akaki river in Ethiopia. Environmental Science and Pollution Research, 2022, 29, 70040-70055.	2.7	4
51	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.	0.8	3
52	Discovery of novel 5â€methylâ€1Hâ€pyrazole derivatives as potential antiprostate cancer agents: Design, synthesis, molecular modeling, and biological evaluation. Chemical Biology and Drug Design, 2018, 91, 1113-1124.	1.5	3
53	Development ofEscherichia coli-based gene expression profiling of sewage sludge leachates. Journal of Applied Microbiology, 2018, 125, 1502-1517.	1.4	3
54	Transcriptional responses of Daphnia magna exposed to Akaki river water. Environmental Monitoring and Assessment, 2022, 194, 349.	1.3	1