

# Henrik Holbech

## List of Publications by Year in descending order

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49  
papers

1,943  
citations

270111

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286692

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times ranked

2216  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thyroid-like hormone signaling in invertebrates and its potential role in initial screening of thyroid hormone system disrupting chemicals. <i>Integrated Environmental Assessment and Management</i> , 2023, 19, 63-82.	1.6	4
2	Investigation of the in vivo estrogenicity of the UV-filters 4-methylbenzylidene camphor and octyl methoxy cinnamate in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Ecotoxicology and Environmental Safety</i> , 2021, 224, 112657.	2.9	3
3	Evidenced-Based Approaches to Support the Development of Endocrine-Mediated Adverse Outcome Pathways: Challenges and Opportunities. <i>Frontiers in Toxicology</i> , 2021, 3, 787017.	1.6	7
4	Does hepatotoxicity interfere with endocrine activity in zebrafish ( <i>Danio rerio</i> )?. <i>Chemosphere</i> , 2020, 238, 124589.	4.2	18
5	Thymus development in the zebrafish ( <i>Danio rerio</i> ) from an ecoimmunology perspective. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2020, 333, 805-819.	0.9	11
6	Raman spectroscopy as a tool for viability assessment of planktonic organisms in UV treated ballast water. <i>Vibrational Spectroscopy</i> , 2020, 110, 103142.	1.2	7
7	Toward an AOP Network-Based Tiered Testing Strategy for the Assessment of Thyroid Hormone Disruption. <i>Environmental Science &amp; Technology</i> , 2020, 54, 8491-8499.	4.6	48
8	ERGO: Breaking Down the Wall between Human Health and Environmental Testing of Endocrine Disrupters. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2954.	1.8	31
9	Installation and use of ballast water treatment systems – Implications for compliance and enforcement. <i>Ocean and Coastal Management</i> , 2019, 181, 104907.	2.0	32
10	Use of standard test organisms for sound validation of UV-based ballast water treatment systems. <i>Marine Pollution Bulletin</i> , 2019, 144, 253-264.	2.3	15
11	Development of a novel automated analytical method for viability assessment of phytoplankton used for validation of ballast water treatment systems. <i>Journal of Applied Phycology</i> , 2019, 31, 2941-2955.	1.5	4
12	Ballast Water and Invasive Species in the Arctic. <i>Springer Polar Sciences</i> , 2018, , 115-137.	0.0	1
13	Two common mild analgesics have no effect on general endocrine mediated endpoints in zebrafish ( <i>Danio rerio</i> ). <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 204, 63-70.	1.3	2
14	A critical review of the environmental occurrence and potential effects in aquatic vertebrates of the potent androgen receptor agonist 17 $\beta$ -trenbolone. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2064-2078.	2.2	39
15	Vitellogenin concentrations in feral Danish brown trout have decreased: An effect of improved sewage treatment in rural areas?. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 839-845.	2.2	4
16	UV fluences required for compliance with ballast water discharge standards using two approved methods for algal viability assessment. <i>Marine Pollution Bulletin</i> , 2018, 135, 1090-1100.	2.3	18
17	Investigation of the potential endocrine effect of nitrate in zebrafish <i>Danio rerio</i> and brown trout <i>Salmo trutta</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 211, 32-40.	1.3	7
18	Recommended approaches to the scientific evaluation of ecotoxicological hazards and risks of endocrine-active substances. <i>Integrated Environmental Assessment and Management</i> , 2017, 13, 267-279.	1.6	38

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19	Validation of the OECD reproduction test guideline with the New Zealand mudsnail <i>Potamopyrgus antipodarum</i> using trenbolone and prochloraz. <i>Ecotoxicology</i> , 2017, 26, 370-382.	1.1	10
20	Development and validation of an OECD reproductive toxicity test guideline with the mudsnail <i>Potamopyrgus antipodarum</i> (Mollusca, Gastropoda). <i>Chemosphere</i> , 2017, 181, 589-599.	4.2	12
21	Current limitations and recommendations to improve testing for the environmental assessment of endocrine active substances. <i>Integrated Environmental Assessment and Management</i> , 2017, 13, 302-316.	1.6	35
22	Optimizing the design of a reproduction toxicity test with the pond snail <i>Lymnaea stagnalis</i> . <i>Regulatory Toxicology and Pharmacology</i> , 2016, 81, 47-56.	1.3	20
23	Sexual disruption in zebrafish ( <i>Danio rerio</i> ) exposed to mixtures of 17 $\beta$ -ethinylestradiol and 17 $\beta$ -trenbolone. <i>Environmental Toxicology and Pharmacology</i> , 2016, 41, 225-231.	2.0	39
24	Endocrine-disrupting effect of the ultraviolet filter benzophenone-3 in zebrafish, <i>Danio rerio</i> . <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 2833-2840.	2.2	80
25	Development and validation of an OECD reproductive toxicity test guideline with the pond snail <i>Lymnaea stagnalis</i> (Mollusca, Gastropoda). <i>Regulatory Toxicology and Pharmacology</i> , 2014, 70, 605-614.	1.3	49
26	Persistence of endocrine disruption in zebrafish ( <i>Danio rerio</i> ) after discontinued exposure to the androgen 17 $\beta$ -trenbolone. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 2488-2496.	2.2	40
27	Evaluation of yolk protein levels as estrogenic biomarker in bivalves; comparison of the alkali-labile phosphate method (ALP) and a species-specific immunoassay (ELISA). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 166, 88-95.	1.3	14
28	Reversibility of endocrine disruption in zebrafish ( <i>Danio rerio</i> ) after discontinued exposure to the estrogen 17 $\beta$ -ethinylestradiol. <i>Toxicology and Applied Pharmacology</i> , 2014, 278, 230-237.	1.3	64
29	Estrogenic effect of the phytoestrogen biochanin A in zebrafish, <i>Danio rerio</i> , and brown trout, <i>Salmo trutta</i> . <i>Aquatic Toxicology</i> , 2013, 144-145, 19-25.	1.9	21
30	The maturity index as a tool to facilitate the interpretation of changes in vitellogenin production and sex ratio in the Fish Sexual Development Test. <i>Aquatic Toxicology</i> , 2013, 128-129, 34-42.	1.9	67
31	Long-term effects of a binary mixture of perfluorooctane sulfonate (PFOS) and bisphenol A (BPA) in zebrafish ( <i>Danio rerio</i> ). <i>Aquatic Toxicology</i> , 2012, 118-119, 116-129.	1.9	85
32	Comparison of zebrafish ( <i>Danio rerio</i> ) and fathead minnow ( <i>Pimephales promelas</i> ) as test species in the Fish Sexual Development Test (FSDT). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2012, 155, 407-415.	1.3	18
33	Uptake of 17 $\beta$ -estradiol and biomarker responses in brown trout ( <i>Salmo trutta</i> ) exposed to pulses. <i>Environmental Pollution</i> , 2011, 159, 3374-3380.	3.7	14
34	Trenbolone causes irreversible masculinization of zebrafish at environmentally relevant concentrations. <i>Aquatic Toxicology</i> , 2010, 98, 336-343.	1.9	110
35	Oral exposure of adult zebrafish ( <i>Danio rerio</i> ) to 2,4,6-tribromophenol affects reproduction. <i>Aquatic Toxicology</i> , 2010, 100, 30-37.	1.9	66
36	Vitellogenin as a biomarker for estrogenic effects in brown trout, <i>Salmo trutta</i> : Laboratory and field investigations. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 2387-2396.	2.2	50

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37	Differential gene expression and biomarkers in zebrafish ( <i>Danio rerio</i> ) following exposure to produced water components. <i>Aquatic Toxicology</i> , 2008, 90, 277-291.	1.9	65
38	Effects of the fungicide prochloraz on the sexual development of zebrafish ( <i>Danio rerio</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 145, 165-170.	1.3	53
39	Detection of endocrine disrupters: Evaluation of a Fish Sexual Development Test (FSDT). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 144, 57-66.	1.3	62
40	Male-Biased Sex Ratios and Vitellogenin Induction in Zebrafish Exposed to Effluent Water from a Swedish Pulp Mill. <i>Archives of Environmental Contamination and Toxicology</i> , 2006, 51, 445-451.	2.1	23
41	Evaluation of a 40-day Assay for Testing Endocrine Disrupters: Effects of an Anti-Estrogen and an Aromatase Inhibitor on Sex Ratio and Vitellogenin Concentrations in Juvenile Zebrafish ( <i>Danio rerio</i> ). <i>Fish Physiology and Biochemistry</i> , 2004, 30, 257-266.	0.9	42
42	Vitellogenin expression in zebrafish <i>Danio rerio</i> : evaluation by histochemistry, immunohistochemistry, and in situ mRNA hybridisation. <i>Aquatic Toxicology</i> , 2003, 65, 1-11.	1.9	41
43	Gonad development and vitellogenin production in zebrafish ( <i>Danio rerio</i> ) exposed to ethinylestradiol and methyltestosterone. <i>Aquatic Toxicology</i> , 2003, 65, 397-411.	1.9	246
44	Effects of exposure to 17 $\beta$ -ethinylestradiol during early development on sexual differentiation and induction of vitellogenin in zebrafish ( <i>Danio rerio</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2003, 134, 365-374.	1.3	97
45	Vitellogenin induction by 17 $\beta$ -estradiol and 17 $\beta$ -ethinylestradiol in male zebrafish ( <i>Danio rerio</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2002, 131, 531-539.	1.3	84
46	The Chemical UV-Filter 3-Benzylidene Camphor Causes an Oestrogenic Effect in an in vivo Fish Assay. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2002, 91, 204-208.	0.0	47
47	The Chemical UV-Filter 3-Benzylidene Camphor Causes an Oestrogenic Effect in an in vivo Fish Assay. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2002, 91, 204-208.	0.0	1
48	Development of an ELISA for vitellogenin in whole body homogenate of zebrafish ( <i>Danio rerio</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2001, 130, 119-131.	1.3	52
49	Zebrafish <i>Danio rerio</i> and roach <i>Rutilus rutilus</i> : Two species suitable for evaluating effects of endocrine disrupting chemicals?. <i>Aquatic Ecosystem Health and Management</i> , 2001, 4, 275-282.	0.3	18