

# Nathalie Hinfray

## List of Publications by Year in descending order

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23  
papers

959  
citations

516561

16  
h-index

642610

23  
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24  
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24  
docs citations

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times ranked

1503  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adverse effects in wild fish living downstream from pharmaceutical manufacture discharges. <i>Environment International</i> , 2011, 37, 1342-1348.	4.8	148
2	Modulation of aromatase activity and mRNA by various selected pesticides in the human choriocarcinoma JEG-3 cell line. <i>Toxicology</i> , 2006, 228, 98-108.	2.0	97
3	Brain and gonadal aromatase as potential targets of endocrine disrupting chemicals in a model species, the zebrafish ( <i>Danio rerio</i> ). <i>Environmental Toxicology</i> , 2006, 21, 332-337.	2.1	86
4	Expression of Zebra Fish Aromatase cyp19a and cyp19b Genes in Response to the Ligands of Estrogen Receptor and Aryl Hydrocarbon Receptor. <i>Toxicological Sciences</i> , 2006, 96, 255-267.	1.4	79
5	Inhibition of rainbow trout ( <i>Oncorhynchus mykiss</i> ) P450 aromatase activities in brain and ovarian microsomes by various environmental substances. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 144, 252-262.	1.3	77
6	17 $\beta$ -Ethinylestradiol and nonylphenol affect the development of forebrain GnRH neurons through an estrogen receptors-dependent pathway. <i>Reproductive Toxicology</i> , 2012, 33, 198-204.	1.3	46
7	Oestrogen-induced androgen insufficiency results in a reduction of proliferation and differentiation of spermatogonia in the zebrafish testis. <i>Journal of Endocrinology</i> , 2009, 202, 287-297.	1.2	45
8	Cyp17a1 and Cyp19a1 in the zebrafish testis are differentially affected by oestradiol. <i>Journal of Endocrinology</i> , 2013, 216, 375-388.	1.2	43
9	Inhibitory effect of cadmium on estrogen signaling in zebrafish brain and protection by zinc. <i>Journal of Applied Toxicology</i> , 2016, 36, 863-871.	1.4	42
10	Endocrine disruption in wild populations of chub ( <i>Leuciscus cephalus</i> ) in contaminated French streams. <i>Science of the Total Environment</i> , 2010, 408, 2146-2154.	3.9	39
11	Characterization of testicular expression of P450 17 $\beta$ -hydroxylase, 17,20-lyase in zebrafish and its perturbation by the pharmaceutical fungicide clotrimazole. <i>General and Comparative Endocrinology</i> , 2011, 174, 309-317.	0.8	36
12	A critical role of follicle-stimulating hormone (Fsh) in mediating the effect of clotrimazole on testicular steroidogenesis in adult zebrafish. <i>Toxicology</i> , 2012, 298, 30-39.	2.0	36
13	Localization of steroidogenic enzymes and Foxl2a in the gonads of mature zebrafish ( <i>Danio rerio</i> ). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2015, 188, 96-106.	0.8	29
14	Effect of in vivo chronic exposure to clotrimazole on zebrafish testis function. <i>Environmental Science and Pollution Research</i> , 2013, 20, 2747-2760.	2.7	26
15	Several synthetic progestins disrupt the glial cell specific-brain aromatase expression in developing zebra fish. <i>Toxicology and Applied Pharmacology</i> , 2016, 305, 12-21.	1.3	25
16	Human and Zebrafish Nuclear Progesterone Receptors Are Differently Activated by Manifold Progestins. <i>Environmental Science &amp; Technology</i> , 2020, 54, 9510-9518.	4.6	17
17	Additive effects of levonorgestrel and ethinylestradiol on brain aromatase (cyp19a1b) in zebrafish specific in vitro and in vivo bioassays. <i>Toxicology and Applied Pharmacology</i> , 2016, 307, 108-114.	1.3	16
18	Dynamic and differential expression of the gonadal aromatase during the process of sexual differentiation in a novel transgenic cyp19a1a-eGFP zebrafish line. <i>General and Comparative Endocrinology</i> , 2018, 261, 179-189.	0.8	16

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19	Endocrine effects of the tapeworm <i>Ligula intestinalis</i> in its teleost host, the roach ( <i>Rutilus rutilus</i> ). <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1473-1481.	0.7	14
20	Brain cytochrome P450 aromatase activity in roach ( <i>Rutilus rutilus</i> ): Seasonal variations and impact of environmental contaminants. <i>Aquatic Toxicology</i> , 2011, 105, 378-384.	1.9	14
21	Refinement of an OECD test guideline for evaluating the effects of endocrine disrupting chemicals on aromatase gene expression and reproduction using novel transgenic <i>cyp19a1a-eGFP</i> zebrafish. <i>Aquatic Toxicology</i> , 2020, 220, 105403.	1.9	13
22	Mixture Concentration-Response Modeling Reveals Antagonistic Effects of Estradiol and Genistein in Combination on Brain Aromatase Gene ( <i>cyp19a1b</i> ) in Zebrafish. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1047.	1.8	12
23	A comparison of behavioral and reproductive parameters between wild-type, transgenic and mutant zebrafish: Could they all be considered the same "zebrafish" for regulatory assays on endocrine disruption?. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 239, 108879.	1.3	3