

Laia Navarro-Martín

List of Publications by Year in descending order

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48
papers

2,112
citations

236925

25
h-index

233421

45
g-index

49
all docs

49
docs citations

49
times ranked

2503
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA Methylation of the Gonadal Aromatase (cyp19a) Promoter Is Involved in Temperature-Dependent Sex Ratio Shifts in the European Sea Bass. <i>PLoS Genetics</i> , 2011, 7, e1002447.	3.5	457
2	Genetic, endocrine, and environmental components of sex determination and differentiation in the European sea bass (<i>Dicentrarchus labrax</i> L.). <i>General and Comparative Endocrinology</i> , 2005, 142, 102-110.	1.8	152
3	Mechanisms of crosstalk between endocrine systems: Regulation of sex steroid hormone synthesis and action by thyroid hormones. <i>General and Comparative Endocrinology</i> , 2014, 203, 69-85.	1.8	127
4	Epigenetics in teleost fish: From molecular mechanisms to physiological phenotypes. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2018, 224, 210-244.	1.6	107
5	Assessment of endocrine disruptors effects on zebrafish (<i>Danio rerio</i>) embryos by untargeted LC-HRMS metabolomic analysis. <i>Science of the Total Environment</i> , 2018, 635, 156-166.	8.0	97
6	Emerging contaminants in Brazilian rivers: Occurrence and effects on gene expression in zebrafish (<i>Danio rerio</i>) embryos. <i>Chemosphere</i> , 2018, 209, 696-704.	8.2	80
7	Effects of glyphosate-based herbicides on survival, development, growth and sex ratios of wood frog (<i>Lithobates sylvaticus</i>) tadpoles. II: Agriculturally relevant exposures to Roundup WeatherMax® and Vision® under laboratory conditions. <i>Aquatic Toxicology</i> , 2014, 154, 291-303.	4.0	71
8	Bioconcentration and Metabolic Effects of Emerging PFOS Alternatives in Developing Zebrafish. <i>Environmental Science & Technology</i> , 2019, 53, 13427-13439.	10.0	70
9	Masculinization of the European sea bass (<i>Dicentrarchus labrax</i>) by treatment with an androgen or aromatase inhibitor involves different gene expression and has distinct lasting effects on maturation. <i>General and Comparative Endocrinology</i> , 2009, 160, 3-11.	1.8	65
10	Metabolic disruption of zebrafish (<i>Danio rerio</i>) embryos by bisphenol A. An integrated metabolomic and transcriptomic approach. <i>Environmental Pollution</i> , 2017, 231, 22-36.	7.5	65
11	Effects of glyphosate-based herbicides on survival, development, growth and sex ratios of wood frogs (<i>Lithobates sylvaticus</i>) tadpoles. I: Chronic laboratory exposures to VisionMax®. <i>Aquatic Toxicology</i> , 2014, 154, 278-290.	4.0	56
12	Balancing the effects of rearing at low temperature during early development on sex ratios, growth and maturation in the European sea bass (<i>Dicentrarchus labrax</i>).. <i>Aquaculture</i> , 2009, 296, 347-358.	3.5	51
13	Unravelling the mechanisms of PFOS toxicity by combining morphological and transcriptomic analyses in zebrafish embryos. <i>Science of the Total Environment</i> , 2019, 674, 462-471.	8.0	51
14	Agrochemicals disrupt multiple endocrine axes in amphibians. <i>Molecular and Cellular Endocrinology</i> , 2020, 513, 110861.	3.2	44
15	Expression profiles of sex differentiation-related genes during ontogenesis in the European sea bass acclimated to two different temperatures. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2009, 312B, 686-700.	1.3	41
16	Efficient induction of spawning of Northern leopard frogs (<i>Lithobates pipiens</i>) during and outside the natural breeding season. <i>Reproductive Biology and Endocrinology</i> , 2013, 11, 14.	3.3	39
17	Effects of the glyphosate-based herbicide Roundup WeatherMax® on metamorphosis of wood frogs (<i>Lithobates sylvaticus</i>) in natural wetlands. <i>Aquatic Toxicology</i> , 2013, 140-141, 48-57.	4.0	33
18	Cloning of the promoter from the gonadal aromatase gene of the European sea bass and identification of single nucleotide polymorphisms. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2006, 145, 47-53.	1.8	31

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19	Different sox17 transcripts during sex differentiation in sea bass, <i>Dicentrarchus labrax</i> . <i>Molecular and Cellular Endocrinology</i> , 2009, 299, 240-251.	3.2	31
20	Dose-dependent transcriptomic responses of zebrafish eleutheroembryos to Bisphenol A. <i>Environmental Pollution</i> , 2018, 243, 988-997.	7.5	30
21	Transcriptomic effects of tributyltin (TBT) in zebrafish eleutheroembryos. A functional benchmark dose analysis. <i>Journal of Hazardous Materials</i> , 2020, 398, 122881.	12.4	30
22	Towards regulation of Endocrine Disrupting chemicals (EDCs) in water resources using bioassays – A guide to developing a testing strategy. <i>Environmental Research</i> , 2022, 205, 112483.	7.5	30
23	Sexing Frogs by Real-Time PCR: Using Aromatase <i>cyp19</i> as an Early Ovarian Differentiation Marker. <i>Sexual Development</i> , 2012, 6, 303-315.	2.0	29
24	Morphometric signatures of exposure to endocrine disrupting chemicals in zebrafish eleutheroembryos. <i>Aquatic Toxicology</i> , 2019, 214, 105232.	4.0	28
25	Changes in lipid profiles induced by bisphenol A (BPA) in zebrafish eleutheroembryos during the yolk sac absorption stage. <i>Chemosphere</i> , 2020, 246, 125704.	8.2	28
26	Toxicity assessment of atmospheric particulate matter in the Mediterranean and Black Seas open waters. <i>Science of the Total Environment</i> , 2016, 545-546, 163-170.	8.0	26
27	Emerging concepts and opportunities for endocrine disruptor screening of the non-EATS modalities. <i>Environmental Research</i> , 2022, 204, 111904.	7.5	25
28	Sodium perchlorate disrupts development and affects metamorphosis- and growth-related gene expression in tadpoles of the wood frog (<i>Lithobates sylvaticus</i>). <i>General and Comparative Endocrinology</i> , 2015, 222, 33-43.	1.8	24
29	Dose effect of Zn and Cu in sludge-amended soils on vegetable uptake of trace elements, antibiotics, and antibiotic resistance genes: Human health implications. <i>Environmental Research</i> , 2020, 191, 109879.	7.5	20
30	Expression profiles of metamorphosis-related genes during natural transformations in tadpoles of wild Wood Frogs (<i>Lithobates sylvaticus</i>). <i>Canadian Journal of Zoology</i> , 2012, 90, 1059-1071.	1.0	18
31	Acute and long-term metabolic consequences of early developmental Bisphenol A exposure in zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2020, 256, 127080.	8.2	18
32	Characterisation and expression during sex differentiation of Sox19 from the sea bass <i>Dicentrarchus labrax</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2012, 163, 316-323.	1.6	16
33	Developmental fluoxetine exposure in zebrafish reduces offspring basal cortisol concentration via life stage-dependent maternal transmission. <i>PLoS ONE</i> , 2019, 14, e0212577.	2.5	15
34	Stimulatory effect of the secretogranin-II derived peptide secretoneurin on food intake and locomotion in female goldfish (<i>Carassius auratus</i>). <i>Peptides</i> , 2016, 78, 42-50.	2.4	13
35	Early expression of aromatase and the membrane estrogen receptor GPER in neuromasts reveals a role for estrogens in the development of the frog lateral line system. <i>General and Comparative Endocrinology</i> , 2014, 205, 242-250.	1.8	12
36	Antibiotic and antibiotic-resistant gene loads in swine slurries and their digestates: Implications for their use as fertilizers in agriculture. <i>Environmental Research</i> , 2021, 194, 110513.	7.5	12

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37	Implications of the use of organic fertilizers for antibiotic resistance gene distribution in agricultural soils and fresh food products. A plot-scale study. <i>Science of the Total Environment</i> , 2022, 815, 151973.	8.0	11
38	Cloning, partial sequencing and expression analysis of the neural form of P450 aromatase (cyp19a1b) in the South America catfish <i>Rhamdia quelen</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2018, 221-222, 11-17.	1.6	10
39	Evidence for Alternative Splicing of a Dopamine D2 Receptor in a Teleost. <i>Physiological and Biochemical Zoology</i> , 2011, 84, 135-146.	1.5	9
40	Development of an in vitro Ovary Culture System to Evaluate Endocrine Disruption in Wood Frog Tadpoles. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2015, 78, 1137-1141.	2.3	9
41	Compensatory indirect effects of an herbicide on wetland communities. <i>Science of the Total Environment</i> , 2020, 718, 137254.	8.0	8
42	Omics in Zebrafish Teratogenesis. <i>Methods in Molecular Biology</i> , 2018, 1797, 421-441.	0.9	7
43	Comparative epigenetics in animal physiology: An emerging frontier. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2020, 36, 100745.	1.0	6
44	Dysregulatory effects of retinoic acid isomers in late zebrafish embryos. <i>Environmental Science and Pollution Research</i> , 2018, 25, 3849-3859.	5.3	4
45	Functional Data Analysis: Omics for Environmental Risk Assessment. <i>Comprehensive Analytical Chemistry</i> , 2018, , 583-611.	1.3	4
46	Characterization of multiple nestin isoforms in the goldfish brain. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2016, 19, 8-17.	1.0	2
47	Characterization and Developmental Expression Profile of the Steroidogenic Acute Regulatory Protein (StAR) in the Conad-Mesonephros Complex of <i>Lithobates sylvaticus</i> . <i>Sexual Development</i> , 2016, 10, 91-96.	2.0	0
48	Recent advances in comparative epigenetics. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 37, 100783.	1.0	0