

Ioanna Katsiadaki

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1748609/ioanna-katsiadaki-publications-by-year.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

90
papers

2,963
citations

32
h-index

52
g-index

93
ext. papers

3,281
ext. citations

5.1
avg, IF

4.71
L-index

#	Paper	IF	Citations
90	The housing, care, and use of a laboratory three-spined stickleback colony 2022 , 349-371		
89	A seafood risk tool for assessing and mitigating chemical and pathogen hazards in the aquaculture supply chain. <i>Nature Food</i> , 2022 , 3, 169-178	14.4	2
88	Modeling the metabolic profile of <i>Mytilus edulis</i> reveals molecular signatures linked to gonadal development, sex and environmental site. <i>Scientific Reports</i> , 2021 , 11, 12882	4.9	
87	Dying for change: A roadmap to refine the fish acute toxicity test after 40 years of applying a lethal endpoint. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 223, 112585	7	4
86	The Uptake of Ethinyl-Estradiol and Cortisol From Water by Mussels (spp.).. <i>Frontiers in Endocrinology</i> , 2021 , 12, 794623	5.7	0
85	Insights into the development of hepatocellular fibrillar inclusions in European flounder (<i>Platichthys flesus</i>) from UK estuaries. <i>Chemosphere</i> , 2020 , 256, 126946	8.4	1
84	Hypoxia modifies the response to flutamide and linuron in male three-spined stickleback (<i>Gasterosteus aculeatus</i>). <i>Environmental Pollution</i> , 2020 , 263, 114326	9.3	1
83	Sustainable aquaculture through the One Health lens. <i>Nature Food</i> , 2020 , 1, 468-474	14.4	43
82	Skin swabbing is a refined technique to collect DNA from model fish species. <i>Scientific Reports</i> , 2020 , 10, 18212	4.9	5
81	Sublethal exposure to copper suppresses the ability to acclimate to hypoxia in a model fish species. <i>Aquatic Toxicology</i> , 2019 , 217, 105325	5.1	6
80	Unravelling paralogous gene expression dynamics during three-spined stickleback embryogenesis. <i>Scientific Reports</i> , 2019 , 9, 3752	4.9	5
79	Are marine invertebrates really at risk from endocrine-disrupting chemicals?. <i>Current Opinion in Environmental Science and Health</i> , 2019 , 11, 37-42	8.1	9
78	Adverse outcome pathway networks I: Development and applications. <i>Environmental Toxicology and Chemistry</i> , 2018 , 37, 1723-1733	3.8	87
77	Adverse outcome pathway networks II: Network analytics. <i>Environmental Toxicology and Chemistry</i> , 2018 , 37, 1734-1748	3.8	67
76	Endocrine disruption and differential gene expression in sentinel fish on St. Lawrence Island, Alaska: Health implications for indigenous residents. <i>Environmental Pollution</i> , 2018 , 234, 279-287	9.3	13
75	Understanding and managing fish populations: keeping the toolbox fit for purpose. <i>Journal of Fish Biology</i> , 2018 , 92, 727-751	1.9	6
74	Uptake and metabolism of water-borne progesterone by the mussel, <i>Mytilus</i> spp. (Mollusca). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018 , 178, 13-21	5.1	9

73	Tributyltin: Advancing the Science on Assessing Endocrine Disruption with an Unconventional Endocrine-Disrupting Compound. <i>Reviews of Environmental Contamination and Toxicology</i> , 2018 , 245, 65-127	3.5	8
72	Hormonal changes over the spawning cycle in the female three-spined stickleback, <i>Gasterosteus aculeatus</i> . <i>General and Comparative Endocrinology</i> , 2018 , 257, 97-105	3	4
71	Contrasting effects of hypoxia on copper toxicity during development in the three-spined stickleback (<i>Gasterosteus aculeatus</i>). <i>Environmental Pollution</i> , 2017 , 222, 433-443	9.3	14
70	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	2.5	32
69	Hepatic transcriptional responses to copper in the three-spined stickleback are affected by their pollution exposure history. <i>Aquatic Toxicology</i> , 2017 , 184, 26-36	5.1	11
68	Rapid uptake, biotransformation, esterification and lack of depuration of testosterone and its metabolites by the common mussel, <i>Mytilus</i> spp. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017 , 171, 54-65	5.1	18
67	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	2.5	29
66	Reducing repetition of regulatory vertebrate ecotoxicology studies. <i>Integrated Environmental Assessment and Management</i> , 2017 , 13, 955-957	2.5	5
65	Data on the uptake and metabolism of testosterone by the common mussel, spp. <i>Data in Brief</i> , 2017 , 12, 164-168	1.2	3
64	The Role of Omics in the Application of Adverse Outcome Pathways for Chemical Risk Assessment. <i>Toxicological Sciences</i> , 2017 , 158, 252-262	4.4	107
63	Mussels (<i>Mytilus</i> spp.) display an ability for rapid and high capacity uptake of the vertebrate steroid, estradiol-17 β from water. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017 , 165, 407-420	5.1	24
62	Application of Passive Sampling to Characterise the Fish Exometabolome. <i>Metabolites</i> , 2017 , 7,	5.6	3
61	Comments on Niemuth, N.J. and Klaper, R.D. 2015. Emerging wastewater contaminant metformin causes intersex and reduced fecundity in fish. <i>Chemosphere</i> 135, 38-45. <i>Chemosphere</i> , 2016 , 165, 566-569	8.4	4
60	Oestrogenic pollutants promote the growth of a parasite in male sticklebacks. <i>Aquatic Toxicology</i> , 2016 , 174, 92-100	5.1	7
59	Microarray analysis of di-n-butyl phthalate and 17 β -ethinyl-oestradiol responses in three-spined stickleback testes reveals novel candidate genes for endocrine disruption. <i>Ecotoxicology and Environmental Safety</i> , 2016 , 124, 96-104	7	9
58	Data on the uptake and metabolism of the vertebrate steroid estradiol-17 β from water by the common mussel, spp. <i>Data in Brief</i> , 2016 , 9, 956-965	1.2	4
57	Aquatic food security: insights into challenges and solutions from an analysis of interactions between fisheries, aquaculture, food safety, human health, fish and human welfare, economy and environment. <i>Fish and Fisheries</i> , 2016 , 17, 893-938	6	146
56	The European technical report on aquatic effect-based monitoring tools under the water framework directive. <i>Environmental Sciences Europe</i> , 2015 , 27,		151

55	Prozac affects stickleback nest quality without altering androgen, spiggin or aggression levels during a 21-day breeding test. <i>Aquatic Toxicology</i> , 2015 , 168, 78-89	5.1	23
54	Assessment of reproductive biomarkers in three-spined stickleback (<i>Gasterosteus aculeatus</i>) from sewage effluent recipients. <i>Environmental Toxicology</i> , 2013 , 28, 229-37	4.2	4
53	Population bottlenecks, genetic diversity and breeding ability of the three-spined stickleback (<i>Gasterosteus aculeatus</i>) from three polluted English Rivers. <i>Aquatic Toxicology</i> , 2013 , 142-143, 264-71	5.1	4
52	In vivo endocrine effects of naphthenic acids in fish. <i>Chemosphere</i> , 2013 , 93, 2356-64	8.4	12
51	Anti-androgens act jointly in suppressing spiggin concentrations in androgen-primed female three-spined sticklebacks - prediction of combined effects by concentration addition. <i>Aquatic Toxicology</i> , 2013 , 140-141, 145-56	5.1	11
50	Field surveys reveal the presence of anti-androgens in an effluent-receiving river using stickleback-specific biomarkers. <i>Aquatic Toxicology</i> , 2012 , 122-123, 75-85	5.1	14
49	Piscine follicle-stimulating hormone triggers progesterin production in gilthead seabream primary ovarian follicles. <i>Biology of Reproduction</i> , 2012 , 87, 111	3.9	19
48	Short-term exposure to a treated sewage effluent alters reproductive behaviour in the three-spined stickleback (<i>Gasterosteus aculeatus</i>). <i>Aquatic Toxicology</i> , 2011 , 105, 78-88	5.1	20
47	Effects of sewage effluent remediation on body size, somatic RNA: DNA ratio, and markers of chemical exposure in three-spined sticklebacks. <i>Environment International</i> , 2011 , 37, 158-69	12.9	24
46	Variation in the reproductive potential of <i>Schistocephalus</i> infected male sticklebacks is associated with 11-ketotestosterone titre. <i>Hormones and Behavior</i> , 2011 , 60, 371-9	3.7	20
45	Indices of stress in three-spined sticklebacks <i>Gasterosteus aculeatus</i> in relation to extreme weather events and exposure to wastewater effluent. <i>Journal of Fish Biology</i> , 2011 , 79, 256-79	1.9	12
44	Evidence suggesting that di-n-butyl phthalate has antiandrogenic effects in fish. <i>Environmental Toxicology and Chemistry</i> , 2011 , 30, 1338-45	3.8	37
43	SOCIAL AND REPRODUCTIVE BEHAVIORS Sexual Behavior in Fish 2011 , 656-661		1
42	Towards a system level understanding of non-model organisms sampled from the environment: a network biology approach. <i>PLoS Computational Biology</i> , 2011 , 7, e1002126	5	76
41	Identifying health impacts of exposure to copper using transcriptomics and metabolomics in a fish model. <i>Environmental Science & Technology</i> , 2010 , 44, 820-6	10.3	135
40	Hepatic transcriptomic and metabolomic responses in the Stickleback (<i>Gasterosteus aculeatus</i>) exposed to ethinyl-estradiol. <i>Aquatic Toxicology</i> , 2010 , 97, 174-87	5.1	66
39	Flow regime affects building behaviour and nest structure in sticklebacks. <i>Behavioral Ecology and Sociobiology</i> , 2010 , 64, 1927-1935	2.5	21
38	A chemometrical approach to study interactions between ethynylestradiol and an AhR-agonist in stickleback (<i>Gasterosteus aculeatus</i>). <i>Journal of Chemometrics</i> , 2010 , 24, 768-778	1.6	1

37	The organophosphorous pesticide, fenitrothion, acts as an anti-androgen and alters reproductive behavior of the male three-spined stickleback, <i>Gasterosteus aculeatus</i> . <i>Ecotoxicology</i> , 2009 , 18, 122-33	2.9	36
36	Further refinement of the non-invasive procedure for measuring steroid production in the male three-spined stickleback <i>Gasterosteus aculeatus</i> . <i>Journal of Fish Biology</i> , 2009 , 75, 2082-94	1.9	16
35	Reproductive potential of <i>Schistocephalus solidus</i> -infected male three-spined stickleback <i>Gasterosteus aculeatus</i> from two U.K. populations. <i>Journal of Fish Biology</i> , 2009 , 75, 2095-107	1.9	26
34	Estrogenic and androgenic effects of municipal wastewater effluent on reproductive endpoint biomarkers in three-spined stickleback (<i>Gasterosteus aculeatus</i>). <i>Environmental Toxicology and Chemistry</i> , 2009 , 28, 1063-71	3.8	26
33	Hepatic transcriptomic and metabolomic responses in the stickleback (<i>Gasterosteus aculeatus</i>) exposed to environmentally relevant concentrations of dibenzanthracene. <i>Environmental Science & Technology</i> , 2009 , 43, 6341-8	10.3	67
32	Detection of the anti-androgenic effect of endocrine disrupting environmental contaminants using in vivo and in vitro assays in the three-spined stickleback. <i>Aquatic Toxicology</i> , 2009 , 92, 228-39	5.1	54
31	A cDNA microarray for the three-spined stickleback, <i>Gasterosteus aculeatus</i> L., and analysis of the interactive effects of oestradiol and dibenzanthracene exposures. <i>Journal of Fish Biology</i> , 2008 , 72, 2133-2153	1.9	32
30	Construction of subtracted EST and normalised cDNA libraries from liver of chemical-exposed three-spined stickleback (<i>Gasterosteus aculeatus</i>) containing pollutant-responsive genes as a resource for transcriptome analysis. <i>Marine Environmental Research</i> , 2008 , 66, 127-30	3.3	16
29	Exposure of sticklebacks (<i>Gasterosteus aculeatus</i>) to cadmium sulfide nanoparticles: biological effects and the importance of experimental design. <i>Marine Environmental Research</i> , 2008 , 66, 161-3	3.3	18
28	The model anti-androgen flutamide suppresses the expression of typical male stickleback reproductive behaviour. <i>Aquatic Toxicology</i> , 2008 , 90, 37-47	5.1	51
27	Global genomic methylation levels in the liver and gonads of the three-spine stickleback (<i>Gasterosteus aculeatus</i>) after exposure to hexabromocyclododecane and 17-beta oestradiol. <i>Environment International</i> , 2008 , 34, 310-7	12.9	52
26	Biomarker responses in wild three-spined stickleback (<i>Gasterosteus aculeatus</i> L.) as a useful tool for freshwater biomonitoring: a multiparametric approach. <i>Environment International</i> , 2008 , 34, 490-8	12.9	44
25	Detection of estrogenic activity in municipal wastewater effluent using primary cell cultures from three-spined stickleback and chemical analysis. <i>Chemosphere</i> , 2008 , 73, 1064-70	8.4	22
24	Intercalibration exercise using a stickleback endocrine disrupter screening assay. <i>Environmental Toxicology and Chemistry</i> , 2008 , 27, 404-12	3.8	19
23	Spiggin levels are reduced in male sticklebacks infected with <i>Schistocephalus solidus</i> . <i>Journal of Fish Biology</i> , 2007 , 71, 298-303	1.9	13
22	Non-invasive measurement of 11-ketotestosterone, cortisol and androstenedione in male three-spined stickleback (<i>Gasterosteus aculeatus</i>). <i>General and Comparative Endocrinology</i> , 2007 , 152, 30-8	3	81
21	Ethoxyresorufin-O-deethylase (EROD) and vitellogenin (VTG) in flounder (<i>Platichthys flesus</i>): system interaction, crosstalk and implications for monitoring. <i>Aquatic Toxicology</i> , 2007 , 81, 233-44	5.1	64
20	Effects of 17alpha-ethynylestradiol on EROD activity, spiggin and vitellogenin in three-spined stickleback (<i>Gasterosteus aculeatus</i>). <i>Aquatic Toxicology</i> , 2007 , 83, 33-42	5.1	59

19	Estrogen- and androgen-sensitive bioassays based on primary cell and tissue slice cultures from three-spined stickleback (<i>Gasterosteus aculeatus</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007 , 146, 431-42	3.2	12
18	Evidence for estrogenic endocrine disruption in an offshore flatfish, the dab (<i>Limanda limanda</i> L.). <i>Marine Environmental Research</i> , 2007 , 64, 128-48	3.3	34
17	Survey of estrogenic and androgenic disruption in Swedish coastal waters by the analysis of bile fluid from perch and biomarkers in the three-spined stickleback. <i>Marine Pollution Bulletin</i> , 2007 , 54, 1868-80	6.7	18
16	Three-spined stickleback: an emerging model in environmental endocrine disruption. <i>Environmental Sciences: an International Journal of Environmental Physiology and Toxicology</i> , 2007 , 14, 263-83		7
15	Use of the three-spined stickleback (<i>Gasterosteus aculeatus</i>) as a sensitive in vivo test for detection of environmental antiandrogens. <i>Environmental Health Perspectives</i> , 2006 , 114 Suppl 1, 115-21	8.4	77
14	Relationship between sex steroid and vitellogenin concentrations in flounder (<i>Platichthys flesus</i>) sampled from an estuary contaminated with estrogenic endocrine-disrupting compounds. <i>Environmental Health Perspectives</i> , 2006 , 114 Suppl 1, 27-31	8.4	35
13	Development of a stickleback kidney cell culture assay for the screening of androgenic and anti-androgenic endocrine disrupters. <i>Aquatic Toxicology</i> , 2006 , 79, 158-66	5.1	33
12	Vitellogenin in the blood plasma of male cod (<i>Gadus morhua</i>): a sign of oestrogenic endocrine disruption in the open sea?. <i>Marine Environmental Research</i> , 2006 , 61, 149-70	3.3	48
11	Differential sensitivity of flounder (<i>Platichthys flesus</i>) in response to oestrogenic chemical exposure: an issue for design and interpretation of monitoring and research programmes. <i>Marine Environmental Research</i> , 2006 , 62, 315-25	3.3	6
10	Surveys of plasma vitellogenin and intersex in male flounder (<i>Platichthys flesus</i>) as measures of endocrine disruption by estrogenic contamination in United Kingdom estuaries: temporal trends, 1996 to 2001. <i>Environmental Toxicology and Chemistry</i> , 2004 , 23, 748-58	3.8	96
9	Kinetics of vitellogenin protein and mRNA induction and depuration in fish following laboratory and environmental exposure to oestrogens. <i>Marine Environmental Research</i> , 2004 , 58, 419-23	3.3	33
8	The juvenile three-spined stickleback (<i>Gasterosteus aculeatus</i> L.) as a model organism for endocrine disruption II--kidney hypertrophy, vitellogenin and spiggin induction. <i>Aquatic Toxicology</i> , 2004 , 70, 311-26	5.1	64
7	Molecular cloning of two types of spiggin cDNA in the three-spined stickleback, <i>Gasterosteus aculeatus</i> . <i>Fish Physiology and Biochemistry</i> , 2003 , 28, 425	2.7	4
6	The effects of 4-nonylphenol and atrazine on Atlantic salmon (<i>Salmo salar</i> L) smolts. <i>Aquaculture</i> , 2003 , 222, 253-263	4.4	54
5	Detection of environmental androgens: A novel method based on enzyme-linked immunosorbent assay of spiggin, the stickleback (<i>Gasterosteus aculeatus</i>) glue protein. <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 1946-1954	3.8	101
4	The potential of the three-spined stickleback (<i>Gasterosteus aculeatus</i> L.) as a combined biomarker for oestrogens and androgens in European waters. <i>Marine Environmental Research</i> , 2002 , 54, 725-8	3.3	81
3	The impact of oestrogenic and androgenic contamination on marine organisms in the United Kingdom--summary of the EDMAR programme. <i>Endocrine Disruption in the Marine Environment. Marine Environmental Research</i> , 2002 , 54, 645-9	3.3	77
2	. <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 1946	3.8	11

- 1 Detection of environmental androgens: a novel method based on enzyme-linked immunosorbent assay of spiggin, the stickleback (*Gasterosteus aculeatus*) glue protein. *Environmental Toxicology and Chemistry*, **2002**, 21, 1946-54 3.8 13