Vanesa Robles

List of Publications by Year
in descending order

60	2,699	147566 31	189595 50
papers	citations	h-index	g-index

64	64	64	2258
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cryopreservation of fish sperm: applications and perspectives. Journal of Applied Ichthyology, 2010, 26, 623-635.	0.3	266
2	Factors enhancing fish sperm quality and emerging tools for sperm analysis. Aquaculture, 2014, 432, 389-401.	1.7	172
3	Cryobanking of aquatic species. Aquaculture, 2017, 472, 156-177.	1.7	170
4	Evaluation of DNA damage in rainbow trout (Oncorhynchus mykiss) and gilthead sea bream (Sparus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.3	151
5	Transgenerational inheritance of heart disorders caused by paternal bisphenol A exposure. Environmental Pollution, 2015, 206, 667-678.	3.7	108
6	Cryopreservation of rainbow trout sperm in large volume straws: application to large scale fertilization. Aquaculture, 2001, 201, 301-314.	1.7	100
7	Evaluation of gilthead sea bream, Sparus aurata, sperm quality after cryopreservation in 5ml macrotubes. Cryobiology, 2005, 50, 273-284.	0.3	99
8	Regeneration and reprogramming compared. BMC Biology, 2010, 8, 5.	1.7	96
9	Epigenetics in fish gametes and early embryo. Aquaculture, 2017, 472, 93-106.	1.7	90
10	Cryopreservation Causes Genetic and Epigenetic Changes in Zebrafish Genital Ridges. PLoS ONE, 2013, 8, e67614.	1.1	77
11	Effect of cryopreservation on human sperm messenger RNAs crucial for fertilization and early embryo development. Cryobiology, 2013, 67, 84-90.	0.3	70
12	The Use of Antifreeze Proteins in the Cryopreservation of Gametes and Embryos. Biomolecules, 2019, 9, 181.	1.8	68
13	An alternative method for delivering exogenous material into developing zebrafish embryos. Biotechnology and Bioengineering, 2007, 98, 1230-1241.	1.7	64
14	Analysis of DNA damage after human sperm cryopreservation in genes crucial for fertilization and early embryo development. Andrology, 2013, 1, 723-730.	1.9	62
15	Probiotic administration improves sperm quality in asthenozoospermic human donors. Beneficial Microbes, 2017, 8, 193-206.	1.0	58
16	Sperm cryopreservation of sex-reversed rainbow trout (Oncorhynchus mykiss): parameters that affect its ability for freezing. Aquaculture, 2003, 224, 203-212.	1.7	49
17	Paternal contribution to development: Sperm genetic damage and repair in fish. Aquaculture, 2017, 472, 45-59.	1.7	45
18	Vitrification assays with embryos from a cold tolerant sub-arctic fish species. Theriogenology, 2005, 64, 1633-1646.	0.9	44

#	ARTICLE	IF	CITATIONS
19	Biology of teleost primordial germ cells (PGCs) and spermatogonia: Biotechnological applications. Aquaculture, 2017, 472, 4-20.	1.7	44
20	Molecular basis of spermatogenesis and sperm quality. General and Comparative Endocrinology, 2017, 245, 5-9.	0.8	43
21	Non-coding RNA regulation in reproduction: Their potential use as biomarkers. Non-coding RNA Research, 2019, 4, 54-62.	2.4	42
22	Effect of different cryoprotectants and vitrificant solutions on the hatching rate of turbot embryos (Scophthalmus maximus). Cryobiology, 2003, 47, 204-213.	0.3	41
23	Preliminary studies on the cryopreservation of gilthead seabream (Sparus aurata) embryos. Aquaculture, 2006, 251, 245-255.	1.7	39
24	The antifreeze protein type I (AFP I) increases seabream (Sparus aurata) embryos tolerance to low temperatures. Theriogenology, 2007, 68, 284-289.	0.9	39
25	Microinjection of the antifreeze protein type III (AFPIII) in turbot (Scophthalmus maximus) embryos: Toxicity and protein distribution. Aquaculture, 2006, 261, 1299-1306.	1.7	37
26	Vitrification of turbot embryos: preliminary assays. Cryobiology, 2003, 47, 30-39.	0.3	36
27	Cryoprotective effects of antifreeze proteins delivered into zebrafish embryos. Cryobiology, 2009, 58, 128-133.	0.3	36
28	Germplasm Cryobanking in Zebrafish and Other Aquarium Model Species. Zebrafish, 2009, 6, 281-293.	0.5	36
29	Quantification of lesions in nuclear and mitochondrial genes of Sparus aurata cryopreserved sperm. Aquaculture, 2013, 402-403, 106-112.	1.7	36
30	Study of Pluripotency Markers in Zebrafish Embryos and Transient Embryonic Stem Cell Cultures. Zebrafish, 2011, 8, 57-63.	0.5	35
31	Evaluation of zebrafish (Danio rerio) PGCs viability and DNA damage using different cryopreservation protocols. Theriogenology, 2012, 77, 122-130.e2.	0.9	32
32	Paternal exposure to environmental 17-alpha-ethinylestradiol concentrations modifies testicular transcription, affecting the sperm transcript content and the offspring performance in zebrafish. Aquatic Toxicology, 2017, 193, 18-29.	1.9	28
33	Diet Supplemented with Antioxidant and Anti-Inflammatory Probiotics Improves Sperm Quality after Only One Spermatogenic Cycle in Zebrafish Model. Nutrients, 2019, 11, 843.	1.7	27
34	Dimethyl sulfoxide influx in turbot embryos exposed to a vitrification protocol. Theriogenology, 2003, 60, 463-473.	0.9	26
35	Effect of a vitrification protocol on the lactate dehydrogenase and glucose-6-phosphate dehydrogenase activities and the hatching rates of Zebrafish (Danio rerio) and Turbot (Scophthalmus) Tj ETQq1 1 0.784314 rgBT /Ov	0.78	
36	Inhibition of zygotic DNA repair: transcriptome analysis of the offspring in trout (Oncorhynchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.1	26

#	Article	IF	Citations
37	Effect of low sperm quality on progeny: a study on zebrafish as model species. Scientific Reports, 2019, 9, 11192.	1.6	25
38	Analysis of transcripts in gilthead seabream sperm and zebrafish testicular cells: mRNA profile as a predictor of gamete quality. Aquaculture, 2013, 406-407, 28-33.	1.7	24
39	Cryoprotectant microinjection toxicity and chilling sensitivity in gilthead seabream (Sparus aurata) embryos. Aquaculture, 2006, 261, 897-903.	1.7	23
40	Differential Gene Susceptibility to Sperm DNA Damage: Analysis of Developmental Key Genes in Trout. PLoS ONE, 2014, 9, e114161.	1.1	22
41	Incorporation of antifreeze proteins into zebrafish embryos by a non-invasive method. Cryobiology, 2008, 56, 216-222.	0.3	20
42	In Vitro Generation of Zebrafish PGC-Like Cells1. Biology of Reproduction, 2014, 91, 114.	1.2	18
43	Effect of captivity and cryopreservation on ROS production in Solea senegalensis spermatozoa. Reproduction, 2016, 152, 439-446.	1.1	18
44	Selection of nonapoptotic sperm by magnetic-activated cell sorting in Senegalese sole (Solea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	0.9	17
45	Probiotics reduce anxiety-related behavior in zebrafish. Heliyon, 2020, 6, e03973.	1.4	17
46	Cryopreservation of gametes for aquaculture and alternative cell sources for genome preservation. , 2013, , 76-116.		16
47	Effect of diet supplementation with a commercial probiotic containingPediococcus acidilactici(Lindner, 1887) on the expression of five quality markers in zebrafish (Danio) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.8	16
48	Quantification of DNA damage by q-PCR in cryopreserved zebrafish Primordial Germ Cells. Journal of Applied Ichthyology, 2012, 28, 925-929.	0.3	14
49	Male reproductive dysfunction in Solea senegalensis: new insights into an unsolved question. Reproduction, Fertility and Development, 2019, 31, 1104.	0.1	13
50	Long Exposure to a Diet Supplemented with Antioxidant and Anti-Inflammatory Probiotics Improves Sperm Quality and Progeny Survival in the Zebrafish Model. Biomolecules, 2019, 9, 338.	1.8	12
51	Studies on chorion hardening inhibition and dechorionization in turbot embryos. Aquaculture, 2007, 262, 535-540.	1.7	7
52	Cryobiology of cephalopod (Illex coindetii) spermatophores. Cryobiology, 2013, 66, 288-294.	0.3	5
53	Lipid-based transfection as a method for gene delivery in zebrafish (Danio rerio) embryos. Aquaculture Research, 2007, 38, 1317-1322.	0.9	4
54	Evaluation of Intracellular Location of Reactive Oxygen Species in Solea Senegalensis Spermatozoa. Journal of Visualized Experiments, 2018, , .	0.2	2

#	Article	IF	Citations
55	Artificial Neural Network (ANN) as a Tool to Reduce Human-Animal Interaction Improves Senegalese Sole Production. Biomolecules, 2019, 9, 778.	1.8	2
56	Flow Cytometry and Confocal Microscopy for ROS Evaluation in Fish and Human Spermatozoa. Methods in Molecular Biology, 2021, 2202, 93-102.	0.4	2
57	Natural feed after weaning improves the reproductive status of Solea senegalensis breeders. Aquaculture, 2021, 530, 735740.	1.7	1
58	Chapter 19 Cryopreservation Effect on Genetic Function: Neonatal Outcomes. Methods in Molecular Biology, 2017, 1568, 251-260.	0.4	0
59	In Vitro Induction of Teleost. Methods in Molecular Biology, 2021, 2218, 75-83.	0.4	0
60	Molecular approaches on DNA damage evaluation after primordial germ cell cryopreservation in zebrafish. , 2022, , 49-68.		0