

Vanesa Robles

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,699
citations

147566

31
h-index

189595

50
g-index

64
all docs

64
docs citations

64
times ranked

2258
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular approaches on DNA damage evaluation after primordial germ cell cryopreservation in zebrafish. , 2022, , 49-68.		0
2	Natural feed after weaning improves the reproductive status of Solea senegalensis breeders. Aquaculture, 2021, 530, 735740.	1.7	1
3	In Vitro Induction of Teleost. Methods in Molecular Biology, 2021, 2218, 75-83.	0.4	0
4	Flow Cytometry and Confocal Microscopy for ROS Evaluation in Fish and Human Spermatozoa. Methods in Molecular Biology, 2021, 2202, 93-102.	0.4	2
5	Probiotics reduce anxiety-related behavior in zebrafish. Heliyon, 2020, 6, e03973.	1.4	17
6	Effect of low sperm quality on progeny: a study on zebrafish as model species. Scientific Reports, 2019, 9, 11192.	1.6	25
7	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
8	Non-coding RNA regulation in reproduction: Their potential use as biomarkers. Non-coding RNA Research, 2019, 4, 54-62.	2.4	42
9	Male reproductive dysfunction in Solea senegalensis: new insights into an unsolved question. Reproduction, Fertility and Development, 2019, 31, 1104.	0.1	13
10	The Use of Antifreeze Proteins in the Cryopreservation of Gametes and Embryos. Biomolecules, 2019, 9, 181.	1.8	68
11	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
12	Artificial Neural Network (ANN) as a Tool to Reduce Human-Animal Interaction Improves Senegalese Sole Production. Biomolecules, 2019, 9, 778.	1.8	2
13	Evaluation of Intracellular Location of Reactive Oxygen Species in <i>Solea Senegalensis</i> Spermatozoa. Journal of Visualized Experiments, 2018, , .	0.2	2
14	Biology of teleost primordial germ cells (PGCs) and spermatogonia: Biotechnological applications. Aquaculture, 2017, 472, 4-20.	1.7	44
15	Paternal contribution to development: Sperm genetic damage and repair in fish. Aquaculture, 2017, 472, 45-59.	1.7	45
16	Cryobanking of aquatic species. Aquaculture, 2017, 472, 156-177.	1.7	170
17	Molecular basis of spermatogenesis and sperm quality. General and Comparative Endocrinology, 2017, 245, 5-9.	0.8	43
18	Chapter 19 Cryopreservation Effect on Genetic Function: Neonatal Outcomes. Methods in Molecular Biology, 2017, 1568, 251-260.	0.4	0

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19	Paternal exposure to environmental 17-alpha-ethinylestradiol concentrations modifies testicular transcription, affecting the sperm transcript content and the offspring performance in zebrafish. <i>Aquatic Toxicology</i> , 2017, 193, 18-29.	1.9	28
20	Probiotic administration improves sperm quality in asthenozoospermic human donors. <i>Beneficial Microbes</i> , 2017, 8, 193-206.	1.0	58
21	Epigenetics in fish gametes and early embryo. <i>Aquaculture</i> , 2017, 472, 93-106.	1.7	90
22	Selection of nonapoptotic sperm by magnetic-activated cell sorting in Senegalese sole (<i>Solea</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	0.9	17
23	Effect of captivity and cryopreservation on ROS production in <i>Solea senegalensis</i> spermatozoa. <i>Reproduction</i> , 2016, 152, 439-446.	1.1	18
24	Inhibition of zygotic DNA repair: transcriptome analysis of the offspring in trout (<i>Oncorhynchus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	1.1	26
25	Effect of diet supplementation with a commercial probiotic containing <i>Pediococcus acidilactici</i> (Lindner, 1887) on the expression of five quality markers in zebrafish (<i>Danio</i>) Tj ETQq1 1 0.784314.8rgBT /Overlock 10	1.1	26
26	Transgenerational inheritance of heart disorders caused by paternal bisphenol A exposure. <i>Environmental Pollution</i> , 2015, 206, 667-678.	3.7	108
27	In Vitro Generation of Zebrafish PGC-Like Cells1. <i>Biology of Reproduction</i> , 2014, 91, 114.	1.2	18
28	Factors enhancing fish sperm quality and emerging tools for sperm analysis. <i>Aquaculture</i> , 2014, 432, 389-401.	1.7	172
29	Differential Gene Susceptibility to Sperm DNA Damage: Analysis of Developmental Key Genes in Trout. <i>PLoS ONE</i> , 2014, 9, e114161.	1.1	22
30	Effect of cryopreservation on human sperm messenger RNAs crucial for fertilization and early embryo development. <i>Cryobiology</i> , 2013, 67, 84-90.	0.3	70
31	Cryobiology of cephalopod (<i>Illex coindetii</i>) spermatophores. <i>Cryobiology</i> , 2013, 66, 288-294.	0.3	5
32	Analysis of DNA damage after human sperm cryopreservation in genes crucial for fertilization and early embryo development. <i>Andrology</i> , 2013, 1, 723-730.	1.9	62
33	Quantification of lesions in nuclear and mitochondrial genes of <i>Sparus aurata</i> cryopreserved sperm. <i>Aquaculture</i> , 2013, 402-403, 106-112.	1.7	36
34	Analysis of transcripts in gilthead seabream sperm and zebrafish testicular cells: mRNA profile as a predictor of gamete quality. <i>Aquaculture</i> , 2013, 406-407, 28-33.	1.7	24
35	Cryopreservation of gametes for aquaculture and alternative cell sources for genome preservation. , 2013, , 76-116.		16
36	Cryopreservation Causes Genetic and Epigenetic Changes in Zebrafish Genital Ridges. <i>PLoS ONE</i> , 2013, 8, e67614.	1.1	77

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37	Evaluation of zebrafish (<i>Danio rerio</i>) PGCs viability and DNA damage using different cryopreservation protocols. <i>Theriogenology</i> , 2012, 77, 122-130.e2.	0.9	32
38	Quantification of DNA damage by q-PCR in cryopreserved zebrafish Primordial Germ Cells. <i>Journal of Applied Ichthyology</i> , 2012, 28, 925-929.	0.3	14
39	Study of Pluripotency Markers in Zebrafish Embryos and Transient Embryonic Stem Cell Cultures. <i>Zebrafish</i> , 2011, 8, 57-63.	0.5	35
40	Regeneration and reprogramming compared. <i>BMC Biology</i> , 2010, 8, 5.	1.7	96
41	Cryopreservation of fish sperm: applications and perspectives. <i>Journal of Applied Ichthyology</i> , 2010, 26, 623-635.	0.3	266
42	Cryoprotective effects of antifreeze proteins delivered into zebrafish embryos. <i>Cryobiology</i> , 2009, 58, 128-133.	0.3	36
43	Germplasm Cryobanking in Zebrafish and Other Aquarium Model Species. <i>Zebrafish</i> , 2009, 6, 281-293.	0.5	36
44	Incorporation of antifreeze proteins into zebrafish embryos by a non-invasive method. <i>Cryobiology</i> , 2008, 56, 216-222.	0.3	20
45	The antifreeze protein type I (AFP I) increases seabream (<i>Sparus aurata</i>) embryos tolerance to low temperatures. <i>Theriogenology</i> , 2007, 68, 284-289.	0.9	39
46	Studies on chorion hardening inhibition and dechorionization in turbot embryos. <i>Aquaculture</i> , 2007, 262, 535-540.	1.7	7
47	An alternative method for delivering exogenous material into developing zebrafish embryos. <i>Biotechnology and Bioengineering</i> , 2007, 98, 1230-1241.	1.7	64
48	Lipid-based transfection as a method for gene delivery in zebrafish (<i>Danio rerio</i>) embryos. <i>Aquaculture Research</i> , 2007, 38, 1317-1322.	0.9	4
49	Preliminary studies on the cryopreservation of gilthead seabream (<i>Sparus aurata</i>) embryos. <i>Aquaculture</i> , 2006, 251, 245-255.	1.7	39
50	Cryoprotectant microinjection toxicity and chilling sensitivity in gilthead seabream (<i>Sparus aurata</i>) embryos. <i>Aquaculture</i> , 2006, 261, 897-903.	1.7	23
51	Microinjection of the antifreeze protein type III (AFPIII) in turbot (<i>Scophthalmus maximus</i>) embryos: Toxicity and protein distribution. <i>Aquaculture</i> , 2006, 261, 1299-1306.	1.7	37
52	Evaluation of DNA damage in rainbow trout (<i>Oncorhynchus mykiss</i>) and gilthead sea bream (<i>Sparus</i>)	0.3	151
53	Evaluation of gilthead sea bream, <i>Sparus aurata</i> , sperm quality after cryopreservation in 5ml macrotubes. <i>Cryobiology</i> , 2005, 50, 273-284.	0.3	99
54	Vitrification assays with embryos from a cold tolerant sub-arctic fish species. <i>Theriogenology</i> , 2005, 64, 1633-1646.	0.9	44

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55	Effect of a vitrification protocol on the lactate dehydrogenase and glucose-6-phosphate dehydrogenase activities and the hatching rates of Zebrafish (<i>Danio rerio</i>) and Turbot (<i>Scophthalmus</i>) Tj ETQq1 1 0 784314 28 BT /Over	0.784314	28
56	Effect of different cryoprotectants and vitrificant solutions on the hatching rate of turbot embryos (<i>Scophthalmus maximus</i>). <i>Cryobiology</i> , 2003, 47, 204-213.	0.3	41
57	Dimethyl sulfoxide influx in turbot embryos exposed to a vitrification protocol. <i>Theriogenology</i> , 2003, 60, 463-473.	0.9	26
58	Vitrification of turbot embryos: preliminary assays. <i>Cryobiology</i> , 2003, 47, 30-39.	0.3	36
59	Sperm cryopreservation of sex-reversed rainbow trout (<i>Oncorhynchus mykiss</i>): parameters that affect its ability for freezing. <i>Aquaculture</i> , 2003, 224, 203-212.	1.7	49
60	Cryopreservation of rainbow trout sperm in large volume straws: application to large scale fertilization. <i>Aquaculture</i> , 2001, 201, 301-314.	1.7	100