

# Sonia Martinez-Paramo

## List of Publications by Year in descending order

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24  
papers

1,602  
citations

430874  
18  
h-index

610901  
24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1170  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryopreservation of fish sperm: applications and perspectives. Journal of Applied Ichthyology, 2010, 26, 623-635.	0.7	266
2	Factors enhancing fish sperm quality and emerging tools for sperm analysis. Aquaculture, 2014, 432, 389-401.	3.5	172
3	Cryobanking of aquatic species. Aquaculture, 2017, 472, 156-177.	3.5	170
4	The influence of certain aminoacids and vitamins on post-thaw fish sperm motility, viability and DNA fragmentation. Animal Reproduction Science, 2011, 125, 189-195.	1.5	133
5	Evaluation of oxidative DNA damage promoted by storage in sperm from sex-reversed rainbow trout. Theriogenology, 2009, 71, 605-613.	2.1	93
6	Fertilization capacity with rainbow trout DNA-damaged sperm and embryo developmental success. Reproduction, 2010, 139, 989-997.	2.6	92
7	Incorporation of ascorbic acid and Î±-tocopherol to the extender media to enhance antioxidant system of cryopreserved sea bass sperm. Theriogenology, 2012, 77, 1129-1136.	2.1	89
8	Comparative evaluation of piggery wastewater treatment in algal-bacterial photobioreactors under indoor and outdoor conditions. Bioresource Technology, 2017, 245, 483-490.	9.6	75
9	Cryobanking as tool for conservation of biodiversity: Effect of brown trout sperm cryopreservation on the male genetic potential. Theriogenology, 2009, 71, 594-604.	2.1	69
10	Effect of cryopreservation on fish sperm subpopulations. Cryobiology, 2011, 62, 22-31.	0.7	68
11	Evaluation of DNA damage as a quality marker for rainbow trout sperm cryopreservation and use of LDL as cryoprotectant. Theriogenology, 2010, 74, 282-289.	2.1	62
12	Altered gene transcription and telomere length in trout embryo and larvae obtained with DNA cryodamaged sperm. Theriogenology, 2011, 76, 1234-1245.	2.1	57
13	Effect of two sulfur-containing amino acids, taurine and hypotaurine in European sea bass ( <i>Dicentrarchus labrax</i> ) sperm cryopreservation. Cryobiology, 2013, 66, 333-338.	0.7	50
14	The antifreeze protein type I (AFP I) increases seabream ( <i>Sparus aurata</i> ) embryos tolerance to low temperatures. Theriogenology, 2007, 68, 284-289.	2.1	39
15	Cryoprotective effects of antifreeze proteins delivered into zebrafish embryos. Cryobiology, 2009, 58, 128-133.	0.7	36
16	Sea bass sperm freezability is influenced by motility variables and membrane lipid composition but not by membrane integrity and lipid peroxidation. Animal Reproduction Science, 2012, 131, 211-218.	1.5	30
17	Assessment of nutritional supplementation in phospholipids on the reproductive performance of zebrafish, <i>Danio rerio</i> (Hamilton, 1822). Journal of Applied Ichthyology, 2015, 31, 3-9.	0.7	24
18	Incorporation of antifreeze proteins into zebrafish embryos by a non-invasive method. Cryobiology, 2008, 56, 216-222.	0.7	20

#	ARTICLE	IF	CITATIONS
19	Sperm lipid peroxidation is correlated with differences in sperm quality during the reproductive season in precocious European sea bass ( <i>Dicentrarchus labrax</i> ) males. <i>Aquaculture</i> , 2012, 358-359, 246-252.	3.5	17
20	Are coping styles consistent in the teleost fish <i>Sparus aurata</i> through sexual maturation and sex reversal?. <i>Fish Physiology and Biochemistry</i> , 2016, 42, 1441-1452.	2.3	11
21	Improvement of the cryopreservation protocols for the dusky grouper, <i>Epinephelus marginatus</i> . <i>Aquaculture</i> , 2017, 470, 207-213.	3.5	11
22	Detection of early damage of sperm cell membrane in Gilthead seabream ( <i>Sparus aurata</i> ) with the nuclear stain YO-PRO 1. <i>Journal of Applied Ichthyology</i> , 2010, 26, 794-796.	0.7	9
23	Evaluation of pretreatments for solubilisation of components and recovery of fermentable monosaccharides from microalgae biomass grown in piggery wastewater. <i>Chemosphere</i> , 2021, 268, 129330.	8.2	7
24	The Fourth International Workshop on the Biology of Fish Gametes, 17-20 September 2013, Albufeira, Algarve, Portugal: Summary and conclusions. <i>Journal of Applied Ichthyology</i> , 2015, 31, 1-2.	0.7	2