

Marta F Riesco

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

935
citations

516561

16
h-index

454834

30
g-index

39
all docs

39
docs citations

39
times ranked

1074
citing authors

#	ARTICLE	IF	CITATIONS
1	Factors enhancing fish sperm quality and emerging tools for sperm analysis. <i>Aquaculture</i> , 2014, 432, 389-401.	1.7	172
2	Cryopreservation Causes Genetic and Epigenetic Changes in Zebrafish Genital Ridges. <i>PLoS ONE</i> , 2013, 8, e67614.	1.1	77
3	The Use of Antifreeze Proteins in the Cryopreservation of Gametes and Embryos. <i>Biomolecules</i> , 2019, 9, 181.	1.8	68
4	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
5	Probiotic administration improves sperm quality in asthenozoospermic human donors. <i>Beneficial Microbes</i> , 2017, 8, 193-206.	1.0	58
6	Biology of teleost primordial germ cells (PGCs) and spermatogonia: Biotechnological applications. <i>Aquaculture</i> , 2017, 472, 4-20.	1.7	44
7	Molecular basis of spermatogenesis and sperm quality. <i>General and Comparative Endocrinology</i> , 2017, 245, 5-9.	0.8	43
8	Non-coding RNA regulation in reproduction: Their potential use as biomarkers. <i>Non-coding RNA Research</i> , 2019, 4, 54-62.	2.4	42
9	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
10	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
11	ProAKAP4 as Novel Molecular Marker of Sperm Quality in Ram: An Integrative Study in Fresh, Cooled and Cryopreserved Sperm. <i>Biomolecules</i> , 2020, 10, 1046.	1.8	28
12	Diet Supplemented with Antioxidant and Anti-Inflammatory Probiotics Improves Sperm Quality after Only One Spermatogenic Cycle in Zebrafish Model. <i>Nutrients</i> , 2019, 11, 843.	1.7	27
13	<i>Solea senegalensis</i> sperm cryopreservation: New insights on sperm quality. <i>PLoS ONE</i> , 2017, 12, e0186542.	1.1	26
14	Effect of low sperm quality on progeny: a study on zebrafish as model species. <i>Scientific Reports</i> , 2019, 9, 11192.	1.6	25
15	In Vitro Generation of Zebrafish PGC-Like Cells ¹ . <i>Biology of Reproduction</i> , 2014, 91, 114.	1.2	18
16	Circulating small non-coding RNAs provide new insights into vitamin K nutrition and reproductive physiology in teleost fish. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 39-51.	1.1	18
17	Multiparametric Study of Antioxidant Effect on Ram Sperm Cryopreservation—From Field Trials to Research Bench. <i>Animals</i> , 2021, 11, 283.	1.0	18
18	Probiotics reduce anxiety-related behavior in zebrafish. <i>Heliyon</i> , 2020, 6, e03973.	1.4	17

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19	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 rerio</i>) Tj ETQq1 1 0.784314. <i>Journal of Applied Ichthyology</i> , 2012, 28, 925-929.	0.3	14
20	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
21	First study in cryopreserved <i>Crassostrea angulata</i> sperm. <i>General and Comparative Endocrinology</i> , 2017, 245, 108-115.	0.8	13
22	Male reproductive dysfunction in <i>Solea senegalensis</i> : new insights into an unsolved question. <i>Reproduction, Fertility and Development</i> , 2019, 31, 1104.	0.1	13
23	Long Exposure to a Diet Supplemented with Antioxidant and Anti-Inflammatory Probiotics Improves Sperm Quality and Progeny Survival in the Zebrafish Model. <i>Biomolecules</i> , 2019, 9, 338.	1.8	12
24	Improvement of the cryopreservation protocols for the dusky grouper, <i>Epinephelus marginatus</i> . <i>Aquaculture</i> , 2017, 470, 207-213.	1.7	11
25	Comparative study on cellular and molecular responses in oyster sperm revealed different susceptibilities to cryopreservation. <i>Aquaculture</i> , 2019, 498, 223-229.	1.7	11
26	Comparing the Effect of Different Antibiotics in Frozen-Thawed Ram Sperm: Is It Possible to Avoid Their Addition?. <i>Frontiers in Veterinary Science</i> , 2021, 8, 656937.	0.9	9
27	Frequency of Semen Collection Affects Ram Sperm Cryoresistance. <i>Animals</i> , 2022, 12, 1492.	1.0	6
28	Cryobiology of cephalopod (<i>Illex coindetii</i>) spermatophores. <i>Cryobiology</i> , 2013, 66, 288-294.	0.3	5
29	Larval Development in Tropical Gar (<i>Atractosteus tropicus</i>) Is Dependent on the Embryonic Thermal Regime: Ecological Implications under a Climate Change Context. <i>Fishes</i> , 2022, 7, 16.	0.7	5
30	Centrifugal force assessment in ram sperm: identifying species-specific impact. <i>Acta Veterinaria Scandinavica</i> , 2021, 63, 42.	0.5	3
31	Artificial Neural Network (ANN) as a Tool to Reduce Human-Animal Interaction Improves Senegalese Sole Production. <i>Biomolecules</i> , 2019, 9, 778.	1.8	2
32	Flow Cytometry and Confocal Microscopy for ROS Evaluation in Fish and Human Spermatozoa. <i>Methods in Molecular Biology</i> , 2021, 2202, 93-102.	0.4	2
33	Natural feed after weaning improves the reproductive status of <i>Solea senegalensis</i> breeders. <i>Aquaculture</i> , 2021, 530, 735740.	1.7	1
34	Chapter 19 Cryopreservation Effect on Genetic Function: Neonatal Outcomes. <i>Methods in Molecular Biology</i> , 2017, 1568, 251-260.	0.4	0
35	In Vitro Induction of Teleost. <i>Methods in Molecular Biology</i> , 2021, 2218, 75-83.	0.4	0
36	Low-cost automatic fish measuring estimation. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
37	Feed Industry Initiatives. , 2021, , 315-340.		0
38	Molecular approaches on DNA damage evaluation after primordial germ cell cryopreservation in zebrafish. , 2022, , 49-68.		0