

J Beiro

List of Publications by Year in Descending Order

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

34
papers

905
citations

16
h-index

30
g-index

35
ext. papers

1,038
ext. citations

2.8
avg, IF

4.11
L-index

#	Paper	IF	Citations
34	Is it possible to store spotted wolffish (<i>Anarhichas minor</i>) sperm by refrigeration?. <i>Fish Physiology and Biochemistry</i> , 2021 , 47, 725-735	2.7	3
33	Spotted wolffish (<i>Anarhichas minor</i>) sperm cryopreservation in 5-mL cryovials. <i>Fish Physiology and Biochemistry</i> , 2021 , 47, 697-701	2.7	2
32	Low sperm to egg ratio required for successful fertilization in a pair-spawning teleost, Senegalese sole (<i>Pleuronectes</i>). <i>Royal Society Open Science</i> , 2021 , 8, 201718	3.3	0
31	Spotted Wolffish Broodstock Management and Egg Production: Retrospective, Current Status, and Research Priorities. <i>Animals</i> , 2021 , 11,	3.1	1
30	Step by step optimization of a sperm cryopreservation protocol for spotted wolffish (<i>Anarhichas minor</i> Olafsen, 1772). <i>Theriogenology</i> , 2020 , 149, 16-24	2.8	9
29	Toward controlled breeding of the blackfin icefish <i>Chaenocephalus aceratus</i> (L�nberg 1906): determination of spermatozoa concentration and evaluation of short- and long-term preservation of semen. <i>Polar Biology</i> , 2020 , 43, 1583-1593	2	
28	Fish sperm competition in hatcheries and between wild and hatchery origin fish in nature. <i>Theriogenology</i> , 2019 , 133, 201-209	2.8	8
27	Impact of crude oil and the dispersant Corexit�C9500A on capelin (<i>Mallotus villosus</i>) embryo development. <i>Marine Environmental Research</i> , 2019 , 147, 90-100	3.3	6
26	Sperm handling in aquatic animals for artificial reproduction. <i>Theriogenology</i> , 2019 , 133, 161-178	2.8	42
25	A novel sperm adaptation to evolutionary constraints on reproduction: Pre-ejaculatory sperm activation in the beach spawning capelin (<i>Osmeridae</i>). <i>Ecology and Evolution</i> , 2018 , 8, 2343-2349	2.8	10
24	Evaluation of different extenders for the cold storage of meagre (<i>Argyrosomus regius</i>) semen. <i>Aquaculture Research</i> , 2018 , 49, 2723-2731	1.9	12
23	Chemically-dispersed crude oil and dispersant affects sperm fertilizing ability, but not sperm swimming behaviour in capelin (<i>Mallotus villosus</i>). <i>Environmental Pollution</i> , 2018 , 241, 521-528	9.3	7
22	Optimization of a fertilization protocol for spotted wolffish (<i>Anarhichas minor</i>). <i>Aquaculture</i> , 2018 , 484, 133-138	4.4	11
21	Spermatozoa ultrastructure of two osmerid fishes in the context of their family (Teleostei: Osmeriformes: Osmeridae). <i>Journal of Applied Ichthyology</i> , 2015 , 31, 28-33	0.9	1
20	Inter-population ovarian fluid variation differentially modulates sperm motility in Atlantic cod <i>Gadus morhua</i> . <i>Journal of Fish Biology</i> , 2015 , 87, 54-68	1.9	20
19	The effect of enriched diets on <i>Solea senegalensis</i> sperm quality. <i>Aquaculture</i> , 2015 , 435, 187-194	4.4	27
18	Sperm plasticity to seawater temperatures in Atlantic cod <i>Gadus morhua</i> is affected more by population origin than individual environmental exposure. <i>Marine Ecology - Progress Series</i> , 2014 , 495, 263-274	2.6	10

17	Comparative proteome analysis of cryopreserved flagella and head plasma membrane proteins from sea bream spermatozoa: effect of antifreeze proteins. <i>PLoS ONE</i> , 2014 , 9, e99992	3.7	44
16	Wild Atlantic cod sperm motility is negatively affected by ovarian fluid of farmed females. <i>Aquaculture Environment Interactions</i> , 2014 , 5, 61-70	2.9	11
15	Fatty acid composition of the head membrane and flagella affects <i>Sparus aurata</i> sperm quality. <i>Journal of Applied Ichthyology</i> , 2012 , 28, 1017-1019	0.9	11
14	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	4.4	14
13	Improving sperm cryopreservation with antifreeze proteins: effect on gilthead seabream (<i>Sparus aurata</i>) plasma membrane lipids. <i>Biology of Reproduction</i> , 2012 , 86, 59	3.9	52
12	Changes in <i>Solea senegalensis</i> sperm quality throughout the year. <i>Animal Reproduction Science</i> , 2011 , 126, 122-9	2.1	37
11	Effect of cryopreservation on fish sperm subpopulations. <i>Cryobiology</i> , 2011 , 62, 22-31	2.7	58
10	Endocrine and milt response of Senegalese sole, <i>Solea senegalensis</i> , males maintained in captivity. <i>Theriogenology</i> , 2011 , 75, 1-9	2.8	24
9	Aquaporin inhibition changes protein phosphorylation pattern following sperm motility activation in fish. <i>Theriogenology</i> , 2011 , 76, 737-44	2.8	26
8	Altered gene transcription and telomere length in trout embryo and larvae obtained with DNA cryodamaged sperm. <i>Theriogenology</i> , 2011 , 76, 1234-45	2.8	43
7	Cryopreservation of fish sperm: applications and perspectives. <i>Journal of Applied Ichthyology</i> , 2010 , 26, 623-635	0.9	205
6	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	0.9	9
5	Evaluation of DNA damage as a quality marker for rainbow trout sperm cryopreservation and use of LDL as cryoprotectant. <i>Theriogenology</i> , 2010 , 74, 282-9	2.8	52
4	Fertilization capacity with rainbow trout DNA-damaged sperm and embryo developmental success. <i>Reproduction</i> , 2010 , 139, 989-97	3.8	81
3	Sperm quality evaluation in <i>Solea senegalensis</i> during the reproductive season at cellular level. <i>Theriogenology</i> , 2009 , 72, 1251-61	2.8	33
2	Cellular damage in spermatozoa from wild-captured <i>Solea senegalensis</i> as detected by two different assays: comet analysis and Annexin V-fluorescein staining. <i>Journal of Applied Ichthyology</i> , 2008 , 24, 508-513	0.9	16
1	Cryoprotectant microinjection toxicity and chilling sensitivity in gilthead seabream (<i>Sparus aurata</i>) embryos. <i>Aquaculture</i> , 2006 , 261, 897-903	4.4	20