J BeirÃ£o

List of Publications by Year
in descending order

34	1,168	471061 17	395343 33
papers	citations	h-index	g-index

35	35	35	1012
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Is it possible to store spotted wolffish (Anarhichas minor) sperm by refrigeration?. Fish Physiology and Biochemistry, 2021, 47, 725-735.	0.9	4
2	Spotted wolffish (Anarhichas minor) sperm cryopreservation in 5-mL cryovials. Fish Physiology and Biochemistry, 2021, 47, 697-701.	0.9	3
3	Low sperm to egg ratio required for successful in vitro fertilization in a pair-spawning teleost, Senegalese sole (Solea senegalensis). Royal Society Open Science, 2021, 8, 201718.	1.1	2
4	Spotted Wolffish Broodstock Management and Egg Production: Retrospective, Current Status, and Research Priorities. Animals, 2021, 11, 2849.	1.0	2
5	Toward controlled breeding of the blackfin icefish Chaenocephalus aceratus (LÃ¶nnberg 1906): determination of spermatozoa concentration and evaluation of short- and long-term preservation of semen. Polar Biology, 2020, 43, 1583-1593.	0.5	1
6	Step by step optimization of a sperm cryopreservation protocol for spotted wolffish (Anarhichas) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	0.9	12
7	Fish sperm competition in hatcheries and between wild and hatchery origin fish in nature. Theriogenology, 2019, 133, 201-209.	0.9	19
8	Impact of crude oil and the dispersant Corexitâ„¢ EC9500A on capelin (Mallotus villosus) embryo development. Marine Environmental Research, 2019, 147, 90-100.	1.1	12
9	Sperm handling in aquatic animals for artificial reproduction. Theriogenology, 2019, 133, 161-178.	0.9	82
10	A novel sperm adaptation to evolutionary constraints on reproduction: Preâ€ejaculatory sperm activation in the beach spawning capelin (Osmeridae). Ecology and Evolution, 2018, 8, 2343-2349.	0.8	13
11	Optimization of a fertilization protocol for spotted wolffish (Anarhichas minor). Aquaculture, 2018, 484, 133-138.	1.7	11
12	Evaluation of different extenders for the cold storage of meagre (Argyrosomus regius) semen. Aquaculture Research, 2018, 49, 2723-2731.	0.9	18
13	Chemically-dispersed crude oil and dispersant affects sperm fertilizing ability, but not sperm swimming behaviour in capelin (Mallotus villosus). Environmental Pollution, 2018, 241, 521-528.	3.7	11
14	Spermatozoa ultrastructure of two osmerid fishes in the context of their family (Teleostei:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.3	2
15	Interâ€population ovarian fluid variation differentially modulates sperm motility in Atlantic cod Gadus morhua. Journal of Fish Biology, 2015, 87, 54-68.	0.7	24
16	The effect of enriched diets on Solea senegalensis sperm quality. Aquaculture, 2015, 435, 187-194.	1.7	31
17	Sperm plasticity to seawater temperatures in Atlantic cod Gadus morhua is affected more by population origin than individual environmental exposure. Marine Ecology - Progress Series, 2014, 495, 263-274.	0.9	15
18	Comparative Proteome Analysis of Cryopreserved Flagella and Head Plasma Membrane Proteins from Sea Bream Spermatozoa: Effect of Antifreeze Proteins. PLoS ONE, 2014, 9, e99992.	1.1	54

#	Article	IF	Citations
19	Wild Atlantic cod sperm motility is negatively affected by ovarian fluid of farmed females. Aquaculture Environment Interactions, 2014, 5, 61-70.	0.7	12
20	Improving Sperm Cryopreservation with Antifreeze Proteins: Effect on Gilthead Seabream (Sparus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.2	63
21	Fatty acid composition of the head membrane and flagella affectsSparus auratasperm quality. Journal of Applied Ichthyology, 2012, 28, 1017-1019.	0.3	14
22	Sperm lipid peroxidation is correlated with differences in sperm quality during the reproductive season in precocious European sea bass (Dicentrarchus labrax) males. Aquaculture, 2012, 358-359, 246-252.	1.7	17
23	Changes in Solea senegalensis sperm quality throughout the year. Animal Reproduction Science, 2011, 126, 122-129.	0.5	46
24	Effect of cryopreservation on fish sperm subpopulations. Cryobiology, 2011, 62, 22-31.	0.3	68
25	Endocrine and milt response of Senegalese sole, Solea senegalensis, males maintained in captivity. Theriogenology, 2011, 75, 1-9.	0.9	28
26	Aquaporin inhibition changes protein phosphorylation pattern following sperm motility activation in fish. Theriogenology, 2011, 76, 737-744.	0.9	32
27	Altered gene transcription and telomere length in trout embryo and larvae obtained with DNA cryodamaged sperm. Theriogenology, 2011, 76, 1234-1245.	0.9	57
28	Fertilization capacity with rainbow trout DNA-damaged sperm and embryo developmental success. Reproduction, 2010, 139, 989-997.	1.1	92
29	Cryopreservation of fish sperm: applications and perspectives. Journal of Applied Ichthyology, 2010, 26, 623-635.	0.3	266
30	Detection of early damage of sperm cell membrane in Gilthead seabream (Sparus aurata) with the nuclear stain YO-PRO 1. Journal of Applied Ichthyology, 2010, 26, 794-796.	0.3	9
31	Evaluation of DNA damage as a quality marker for rainbow trout sperm cryopreservation and use of LDL as cryoprotectant. Theriogenology, 2010, 74, 282-289.	0.9	62
32	Sperm quality evaluation in Solea senegalensis during the reproductive season at cellular level. Theriogenology, 2009, 72, 1251-1261.	0.9	46
33	Cellular damage in spermatozoa from wild-capturedSolea senegalensisas detected by two different assays: comet analysis and Annexin V-Fluorescein staining. Journal of Applied Ichthyology, 2008, 24, 508-513.	0.3	17
34	Cryoprotectant microinjection toxicity and chilling sensitivity in gilthead seabream (Sparus aurata) embryos. Aquaculture, 2006, 261, 897-903.	1.7	23