

David G Valcarce

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

780
citations

567144

15
h-index

677027

22
g-index

25
all docs

25
docs citations

25
times ranked

1020
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	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
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	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
10	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
11	Effect of low sperm quality on progeny: a study on zebrafish as model species. <i>Scientific Reports</i> , 2019, 9, 11192.	1.6	25
12	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
13	In Vitro Generation of Zebrafish PGC-Like Cells1. <i>Biology of Reproduction</i> , 2014, 91, 114.	1.2	18
14	Effect of captivity and cryopreservation on ROS production in <i>Solea senegalensis</i> spermatozoa. <i>Reproduction</i> , 2016, 152, 439-446.	1.1	18
15	Selection of nonapoptotic sperm by magnetic-activated cell sorting in Senegalese sole (<i>Solea</i>) Tj ETQq1 1 0.784314 r/BT /Overlock 10 T	0.9	17
16	Probiotics reduce anxiety-related behavior in zebrafish. <i>Heliyon</i> , 2020, 6, e03973.	1.4	17
17	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 r/BT /Overlock 10 T	1.3	16
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Evaluation of Intracellular Location of Reactive Oxygen Species in <i>Solea Senegalensis</i> Spermatozoa. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	2
21	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
22	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
23	Chapter 19 Cryopreservation Effect on Genetic Function: Neonatal Outcomes. <i>Methods in Molecular Biology</i> , 2017, 1568, 251-260.	0.4	0
24	In Vitro Induction of Teleost. <i>Methods in Molecular Biology</i> , 2021, 2218, 75-83.	0.4	0
25	Molecular approaches on DNA damage evaluation after primordial germ cell cryopreservation in zebrafish. , 2022, , 49-68.		0