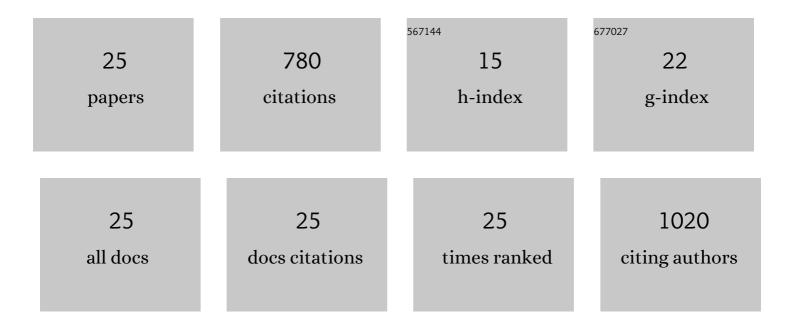
David G Valcarce

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Factors enhancing fish sperm quality and emerging tools for sperm analysis. Aquaculture, 2014, 432, 389-401.	1.7	172
2	Effect of cryopreservation on human sperm messenger RNAs crucial for fertilization and early embryo development. Cryobiology, 2013, 67, 84-90.	0.3	70
3	The Use of Antifreeze Proteins in the Cryopreservation of Gametes and Embryos. Biomolecules, 2019, 9, 181.	1.8	68
4	Analysis of DNA damage after human sperm cryopreservation in genes crucial for fertilization and early embryo development. Andrology, 2013, 1, 723-730.	1.9	62
5	Probiotic administration improves sperm quality in asthenozoospermic human donors. Beneficial Microbes, 2017, 8, 193-206.	1.0	58
6	Biology of teleost primordial germ cells (PGCs) and spermatogonia: Biotechnological applications. Aquaculture, 2017, 472, 4-20.	1.7	44
7	Molecular basis of spermatogenesis and sperm quality. General and Comparative Endocrinology, 2017, 245, 5-9.	0.8	43
8	Non-coding RNA regulation in reproduction: Their potential use as biomarkers. Non-coding RNA Research, 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. Aquatic Toxicology, 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. Nutrients, 2019, 11, 843.	1.7	27
11	Effect of low sperm quality on progeny: a study on zebrafish as model species. Scientific Reports, 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. Aquaculture, 2013, 406-407, 28-33.	1.7	24
13	In Vitro Generation of Zebrafish PGC-Like Cells1. Biology of Reproduction, 2014, 91, 114.	1.2	18
14	Effect of captivity and cryopreservation on ROS production in Solea senegalensis spermatozoa. Reproduction, 2016, 152, 439-446.	1.1	18
15	Selection of nonapoptotic sperm by magnetic-activated cell sorting in Senegalese sole (Solea) Tj ETQq1 1 0.784	314 rgBT	Overlock 10
16	Probiotics reduce anxiety-related behavior in zebrafish. Heliyon, 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) Tj ETQq1 1 0.784</i>	131 4.8 gBT	/ Ove rlock 10
18	Male reproductive dysfunction in Solea senegalensis: new insights into an unsolved question. Reproduction, Fertility and Development, 2019, 31, 1104.	0.1	13

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#	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. Biomolecules, 2019, 9, 338.	1.8	12
20	Evaluation of Intracellular Location of Reactive Oxygen Species in Solea Senegalensis Spermatozoa. Journal of Visualized Experiments, 2018, , .	0.2	2
21	Artificial Neural Network (ANN) as a Tool to Reduce Human-Animal Interaction Improves Senegalese Sole Production. Biomolecules, 2019, 9, 778.	1.8	2
22	Flow Cytometry and Confocal Microscopy for ROS Evaluation in Fish and Human Spermatozoa. Methods in Molecular Biology, 2021, 2202, 93-102.	0.4	2
23	Chapter 19 Cryopreservation Effect on Genetic Function: Neonatal Outcomes. Methods in Molecular Biology, 2017, 1568, 251-260.	0.4	0
24	In Vitro Induction of Teleost. Methods in Molecular Biology, 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