

David Sanchez Peñaranda

List of Publications by Year in descending order

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67
papers

1,594
citations

257450

24
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345221

36
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70
all docs

70
docs citations

70
times ranked

1379
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of Phosphorus and Nitrogen Waste in Rainbow Trout (<i>Oncorhynchus mykiss</i> , Walbaum,) Tj ETQq1 1 0.784314 rgBT ₁₀ /Overl	2.3	10
2	Early Embryo Exposure to Assisted Reproductive Manipulation Induced Subtle Changes in Liver Epigenetics with No Apparent Negative Health Consequences in Rabbit. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9716.	4.1	5
3	Successful Inclusion of High Vegetable Protein Sources in Feed for Rainbow Trout without Decrement in Intestinal Health. <i>Animals</i> , 2021, 11, 3577.	2.3	9
4	Long-term and transgenerational phenotypic, transcriptional and metabolic effects in rabbit males born following vitrified embryo transfer. <i>Scientific Reports</i> , 2020, 10, 11313.	3.3	16
5	Impact of high dietary plant protein with or without marine ingredients in gut mucosa proteome of gilthead seabream (<i>Sparus aurata</i> , L.). <i>Journal of Proteomics</i> , 2020, 216, 103672.	2.4	14
6	Effect of Embryo Vitrification on the Steroid Biosynthesis of Liver Tissue in Rabbit Offspring. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8642.	4.1	3
7	Long-Term Phenotypic and Proteomic Changes Following Vitrified Embryo Transfer in the Rabbit Model. <i>Animals</i> , 2020, 10, 1043.	2.3	11
8	De novo European eel transcriptome provides insights into the evolutionary history of duplicated genes in teleost lineages. <i>PLoS ONE</i> , 2019, 14, e0218085.	2.5	41
9	Cold seawater induces early sexual developmental stages in the BPG axis of European eel males. <i>BMC Genomics</i> , 2019, 20, 597.	2.8	10
10	The Importance Of The Embryo Vitrification Device On The Adult Phenotype And Lactation Performance Of The Resultant Females. <i>Cryobiology</i> , 2019, 91, 183.	0.7	0
11	Handling and Treatment of Male European Eels (<i>Anguilla anguilla</i>) for Hormonal Maturation and Sperm Cryopreservation. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	2
12	Testing cryopreserved European eel sperm for hybridization (<i>A. japonica</i> — <i>A. anguilla</i>). <i>Theriogenology</i> , 2018, 113, 153-158.	2.1	8
13	Using specific recombinant gonadotropins to induce spermatogenesis and spermiation in the European eel (<i>Anguilla anguilla</i>). <i>Theriogenology</i> , 2018, 107, 6-20.	2.1	31
14	Development of sperm vitrification protocols for freshwater fish (Eurasian perch, <i>Perca fluviatilis</i>) and marine fish (European eel, <i>Anguilla anguilla</i>). <i>General and Comparative Endocrinology</i> , 2017, 245, 102-107.	1.8	33
15	Feed restriction regime in a rabbit line selected for growth rate alters oocyte maturation manifested by alteration in <i>MSY2</i> gene expression. <i>Reproduction in Domestic Animals</i> , 2017, 52, 976-984.	1.4	2
16	Nuclear and membrane progesterin receptors in the European eel: Characterization and expression in vivo through spermatogenesis. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2017, 207, 79-92.	1.8	20
17	Role of potassium and pH on the initiation of sperm motility in the European eel. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2017, 203, 210-219.	1.8	14
18	The expression of nuclear and membrane estrogen receptors in the European eel throughout spermatogenesis. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2017, 203, 91-99.	1.8	17

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19	Temperature modulates testis steroidogenesis in European eel. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2016, 197, 58-67.	1.8	18
20	Sodium affects the sperm motility in the European eel. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2016, 198, 51-58.	1.8	16
21	Identification of the major proteins present in the seminal plasma of European eel, and how hormonal treatment affects their evolution. Correlation with sperm quality. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2016, 201, 37-45.	1.8	5
22	Role of calcium on the initiation of sperm motility in the European eel. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2016, 191, 98-106.	1.8	20
23	Subpopulation pattern of eel spermatozoa is affected by post-activation time, hormonal treatment and the thermal regimen. <i>Reproduction, Fertility and Development</i> , 2015, 27, 529.	0.4	30
24	Transcript levels of the soluble sperm factor protein phospholipase C zeta 1 (PLCζ1) increase through induced spermatogenesis in European eel. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 187, 168-176.	1.8	2
25	Effect of the probiotic <i>Lactobacillus rhamnosus</i> on the expression of genes involved in European eel spermatogenesis. <i>Theriogenology</i> , 2015, 84, 1321-1331.	2.1	29
26	Relationship between sperm quality parameters and the fatty acid composition of the muscle, liver and testis of European eel. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 181, 79-86.	1.8	30
27	Exploring correlations between sex steroids and fatty acids and their potential roles in the induced maturation of the male European eel. <i>Aquaculture</i> , 2015, 435, 328-335.	3.5	20
28	Impact of Fishmeal Replacement in Diets for Gilthead Sea Bream (<i>Sparus aurata</i>) on the Gastrointestinal Microbiota Determined by Pyrosequencing the 16S rRNA Gene. <i>PLoS ONE</i> , 2015, 10, e0136389.	2.5	153
29	Vitrification alters rabbit foetal placenta at transcriptomic and proteomic level. <i>Reproduction</i> , 2014, 147, 789-801.	2.6	25
30	Effect of Exposure to Heatwave During Blastocyst Formation on Reproductive Performance of Female Rabbits. <i>Reproduction in Domestic Animals</i> , 2014, 49, 629-635.	1.4	2
31	The use of agricultural substrates to improve methane yield in anaerobic co-digestion with pig slurry: Effect of substrate type and inclusion level. <i>Waste Management</i> , 2014, 34, 196-203.	7.4	40
32	The Regulation of Aromatase and Androgen Receptor Expression During Gonad Development in Male and Female European Eel. <i>Reproduction in Domestic Animals</i> , 2014, 49, 512-521.	1.4	22
33	Does vitrification alter the methylation pattern of OCT4 promoter in rabbit late blastocyst?. <i>Cryobiology</i> , 2014, 69, 178-180.	0.7	10
34	Temperature modulates the progression of vitellogenesis in the European eel. <i>Aquaculture</i> , 2014, 434, 38-47.	3.5	32
35	Intracellular changes in Ca ²⁺ , K ⁺ and pH after sperm motility activation in the European eel (<i>Anguilla</i>). <i>Tj ETQq1 1 0,784314 rgBT /Ove</i>	3.5	17
36	Effect of thermal regime on fatty acid dynamics in male European eels (<i>Anguilla anguilla</i>) during hormonally-induced spermatogenesis. <i>Aquaculture</i> , 2014, 430, 86-97.	3.5	22

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37	Upâ€Regulation of Insulinâ€Like Growth Factor I and Uteroglobin in <i>In Vivo</i>â€Developed Parthenogenetic Embryos. <i>Reproduction in Domestic Animals</i> , 2013, 48, 126-130.	1.4	3
38	Rabbit morula vitrification reduces early foetal growth and increases losses throughout gestation. <i>Cryobiology</i> , 2013, 67, 321-326.	0.7	25
39	Molecular characterization of three GnRH receptor paralogs in the European eel, <i>Anguilla anguilla</i> : Tissue-distribution and changes in transcript abundance during artificially induced sexual development. <i>Molecular and Cellular Endocrinology</i> , 2013, 369, 1-14.	3.2	35
40	Standardization of European eel (<i>Anguilla anguilla</i>) sperm motility evaluation by CASA software. <i>Theriogenology</i> , 2013, 79, 1034-1040.	2.1	54
41	Maternal Exposure to High Temperatures Disrupts <scp>OCT</scp>4 <scp>mRNA</scp> Expression of Rabbit Preâ€Implantation Embryos and Endometrial Tissue. <i>Reproduction in Domestic Animals</i> , 2013, 48, 429-434.	1.4	7
42	Effects of Slow Freezing Procedure on Late Blastocyst Gene Expression and Survival Rate in Rabbit1. <i>Biology of Reproduction</i> , 2012, 87, 91.	2.7	22
43	Comparison of two techniques for the morphometry study on gilthead seabream (<i>Sparus aurata</i>) spermatozoa and evaluation of changes induced by cryopreservation. <i>Theriogenology</i> , 2012, 77, 1078-1087.	2.1	14
44	Variations in the gene expression of zona pellucida proteins, zpb and zpc, in female European eel (<i>Anguilla anguilla</i>) during induced sexual maturation. <i>General and Comparative Endocrinology</i> , 2012, 178, 338-346.	1.8	10
45	Study of the effects of thermal regime and alternative hormonal treatments on the reproductive performance of European eel males (<i>Anguilla anguilla</i>) during induced sexual maturation. <i>Aquaculture</i> , 2012, 354-355, 7-16.	3.5	53
46	Transcriptome Profiling of Rabbit Parthenogenetic Blastocysts Developed under In Vivo Conditions. <i>PLoS ONE</i> , 2012, 7, e51271.	2.5	8
47	mRNA Expression in Rabbit Blastocyst and Endometrial Tissue of Candidate Gene Involved in Gestational Losses. <i>Reproduction in Domestic Animals</i> , 2012, 47, 281-287.	1.4	18
48	Effect of Embryonic Genotype on Reference Gene Selection for RTâ€qPCR Normalization. <i>Reproduction in Domestic Animals</i> , 2012, 47, 629-634.	1.4	15
49	Parthenogenic blastocysts cultured under in vivo conditions exhibit proliferation and differentiation expression genes similar to those of normal embryos. <i>Animal Reproduction Science</i> , 2011, 127, 222-228.	1.5	9
50	Differential mRNA Expression in Rabbit <i>In vivo</i> Preâ€Implantatory Embryos. <i>Reproduction in Domestic Animals</i> , 2011, 46, 567-572.	1.4	14
51	Influence of temperature regime on endocrine parameters and vitellogenesis during experimental maturation of European eel (<i>Anguilla anguilla</i>) females. <i>General and Comparative Endocrinology</i> , 2011, 174, 51-59.	1.8	52
52	European Eel Sperm Diluent for Shortâ€Term Storage. <i>Reproduction in Domestic Animals</i> , 2010, 45, 407-415.	1.4	51
53	Molecular and physiological study of the artificial maturation process in European eel males: From brain to testis. <i>General and Comparative Endocrinology</i> , 2010, 166, 160-171.	1.8	45
54	Evaluation of different diluents for short-term storage of European eel sperm under air-limited conditions. <i>Journal of Applied Ichthyology</i> , 2010, 26, 659-664.	0.7	25

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55	Protein profile study in European eel (<i>Anguilla anguilla</i>) seminal plasma and its correlation with sperm quality. <i>Journal of Applied Ichthyology</i> , 2010, 26, 746-752.	0.7	8
56	Variations in fatty acids composition in different tissues of the European eel (<i>Anguilla anguilla</i> L.) males during induced sexual maturation. <i>Journal of Applied Ichthyology</i> , 2010, 26, 763-774.	0.7	7
57	Improvement of European eel sperm cryopreservation method by preventing spermatozoa movement activation caused by cryoprotectants. <i>Cryobiology</i> , 2009, 59, 119-126.	0.7	36
58	Effects of pH, Sodium Bicarbonate, Cryoprotectants and Foetal Bovine Serum on the Cryopreservation of European Eel Sperm. <i>Reproduction in Domestic Animals</i> , 2008, 43, 99-105.	1.4	23
59	Effects of extenders and cryoprotectant combinations on motility and morphometry of sea bass (<i>Dicentrarchus labrax</i>) spermatozoa. <i>Journal of Applied Ichthyology</i> , 2008, 24, 450-455.	0.7	17
60	Morphometric characterization of sharpsnout sea bream (<i>Diplodus puntazzo</i>) and gilthead sea bream (<i>Sparus aurata</i>) spermatozoa using computer-assisted spermatozoa analysis (ASMA). <i>Journal of Applied Ichthyology</i> , 2008, 24, 382-385.	0.7	9
61	Effect of Sperm Cryopreservation on the European Eel Sperm Viability and Spermatozoa Morphology. <i>Reproduction in Domestic Animals</i> , 2007, 42, 162-166.	1.4	42
62	Cryopreservation of European eel (<i>Anguilla anguilla</i>) spermatozoa: Effect of dilution ratio, foetal bovine serum supplementation, and cryoprotectants. <i>Cryobiology</i> , 2006, 53, 51-57.	0.7	55
63	Morphometry characterisation of European eel spermatozoa with computer-assisted spermatozoa analysis and scanning electron microscopy. <i>Theriogenology</i> , 2006, 65, 1302-1310.	2.1	30
64	Effects of hCG as spermiation inducer on European eel semen quality. <i>Theriogenology</i> , 2006, 66, 1012-1020.	2.1	58
65	Effect of different methods for the induction of spermiation on semen quality in European eel. <i>Aquaculture Research</i> , 2005, 36, 1480-1487.	1.8	48
66	Physio-Chemical Characteristics of Seminal Plasma and Development of Media and Methods for the Cryopreservation of European eel Sperm. <i>Fish Physiology and Biochemistry</i> , 2004, 30, 283-293.	2.3	59
67	Flipped classroom and ICTs as the tools to reach key competences. , 0, , .		0