Elisabeth Pinart

List of Publications by Year
in descending order

62	1,374	331259 21	377514 34
papers	citations	h-index	g-index

63	63	63	943
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Freezability prediction of boar ejaculates assessed by functional sperm parameters and sperm proteins. Theriogenology, 2009, 72, 930-948.	0.9	89
2	Semen quality of postpubertal boars during increasing and decreasing natural photoperiods. Theriogenology, 2004, 62, 1271-1282.	0.9	70
3	Effects of different concentrations of enterotoxigenic and verotoxigenic E. coli on boar sperm quality. Animal Reproduction Science, 2011, 127, 176-182.	0.5	70
4	The HSP90AA1 sperm content and the prediction of the boar ejaculate freezability. Theriogenology, 2010, 74, 940-950.	0.9	61
5	Effects of cryopreservation on semen quality and the expression of sperm membrane hexose transporters in the spermatozoa of Iberian pigs. Reproduction, 2007, 134, 111-121.	1.1	53
6	The improving effect of reduced glutathione on boar sperm cryotolerance is related with the intrinsic ejaculate freezability. Cryobiology, 2014, 68, 251-261.	0.3	51
7	A diet supplemented with l-carnitine improves the sperm quality of PiÃ©train but not of Duroc and Large White boars when photoperiod and temperature increase. Theriogenology, 2010, 73, 577-586.	0.9	49
8	Freeze-thawing induces alterations in the protamine-1/DNA overall structure in boar sperm. Theriogenology, 2008, 69, 1083-1094.	0.9	44
9	Development of a protocol for multiple staining with fluorochromes to assess the functional status of boar spermatozoa. Microscopy Research and Technique, 2005, 68, 277-283.	1.2	43
10	Effects of a high semen-collection frequency on the quality of sperm from ejaculates and from six epididymal regions in boars. Theriogenology, 2005, 63, 2219-2232.	0.9	38
11	A comparative study of the effects of Escherichia coli and Clostridium perfringens upon boar semen preserved in liquid storage. Animal Reproduction Science, 2017, 177, 65-78.	0.5	38
12	Fertility after post-cervical artificial insemination with cryopreserved sperm from boar ejaculates of good and poor freezability. Animal Reproduction Science, 2010, 118, 69-76.	0.5	37
13	Hexose-specificity of hexokinase and ADP-dependence of pyruvate kinase play important roles in the control of monosaccharide utilization in freshly diluted boar spermatozoa. Molecular Reproduction and Development, 2006, 73, 1179-1194.	1.0	34
14	Boar spermatozoa and prostaglandin F2Î±. Animal Reproduction Science, 2008, 108, 180-195.	0.5	30
15	Study of the proacrosin - acrosin system in epididymal, ejaculated and in vitro capacitated boar spermatozoa. Reproduction, Fertility and Development, 2011, 23, 837.	0.1	30
16	Hyaluronic acid delays boar sperm capacitation after 3 days of storage at 15Â°C. Animal Reproduction Science, 2008, 109, 236-250.	0.5	29
17	Unilateral spontaneous abdominal cryptorchidism: structural and ultrastructural study of sperm morphology. Animal Reproduction Science, 1998, 49, 247-268.	0.5	27
18	The osmotic tolerance of boar spermatozoa and its usefulness as sperm quality parameter. Animal Reproduction Science, 2010, 119, 265-274.	0.5	27

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19	Concentrations of carnitine, glutamate and myo-inositol in epididymal fluid and spermatozoa from boars. Animal Reproduction Science, 2007, 97, 344-355.	0.5	25
20	Lectin affinity of the seminiferous epithelium in healthy and cryptorchid post-pubertal boars. Journal of Developmental and Physical Disabilities, 2001, 24, 153-164.	3.6	23
21	Evaluation of porcine beta defensins-1 and -2 as antimicrobial peptides for liquid-stored boar semen: Effects on bacterial growth and sperm quality. Theriogenology, 2018, 111, 9-18.	0.9	22
22	The cycle of the seminiferous epithelium in Landrace boars. Animal Reproduction Science, 2002, 73, 211-225.	0.5	21
23	Impact of epididymal maturation, ejaculation and in vitro capacitation on tyrosine phosphorylation patterns exhibited of boar (Sus domesticus) spermatozoa. Theriogenology, 2011, 76, 1356-1366.	0.9	21
24	Proliferation and apoptosis of spermatogonia in postpuberal boar (Sus domesticus) testes with spontaneous unilateral and bilateral abdominal cryptorchidism. Acta Histochemica, 2005, 107, 365-372.	0.9	20
25	Study of the polyol pathway in the porcine epididymis. Molecular Reproduction and Development, 2006, 73, 859-865.	1.0	20
26	Morphologic study of the testes from spontaneous unilateral and bilateral abdominal cryptorchid boars. Journal of Morphology, 1999, 239, 225-243.	0.6	19
27	Expression, immunolocalization and processing of fertilins ADAM-1 and ADAM-2 in the boar (sus) Tj ETQq1 1 0.784314 rgBT /Overloc 2011, 9, 96.	1.4	19
28	Characterization of the semen quality of postpuberal boars with spontaneous unilateral abdominal cryptorchidism on the right side. Animal Reproduction Science, 1999, 55, 269-278.	0.5	18
29	Structural and ultrastructural features of boar bulbourethral glands. Tissue and Cell, 2006, 38, 7-18.	1.0	18
30	Acrosin activity is a suitable indicator of boar semen preservation at 17 Â°C when increasing environmental temperature and radiation. Theriogenology, 2013, 80, 234-247.	0.9	18
31	Morphologic and histochemical study of blood capillaries in boar testes: Effects of abdominal cryptorchidism. Teratology, 2001, 63, 42-51.	1.8	17
32	Acrosin activity is a good predictor of boar sperm freezability. Theriogenology, 2015, 83, 1525-1533.	0.9	17
33	Sperm quality and fertility of boar seminal doses after 2Âdays of storage: Does the type of extender really matter?. Theriogenology, 2015, 83, 1428-1437.	0.9	17
34	The Presence of Seminal Plasma during Liquid Storage of Pig Spermatozoa at 17 Â°C Modulates Their Ability to Elicit In Vitro Capacitation and Trigger Acrosomal Exocytosis. International Journal of Molecular Sciences, 2020, 21, 4520.	1.8	16
35	Effects of exposing boars to different artificial light regimens on semen plasma markers and â€œin vivoâ€• fertilizing capacity. Theriogenology, 2006, 65, 317-331.	0.9	15
36	Effects of Filtration of Semen Doses from Subfertile Boars through Neuter Sephadex Columns. Reproduction in Domestic Animals, 2008, 43, 48-52.	0.6	15

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37	Epididymal maturation and ejaculation are key events for further in vitro capacitation of boar spermatozoa. Theriogenology, 2012, 78, 867-877.	0.9	15
38	HVCN1 Channels Are Relevant for the Maintenance of Sperm Motility During In Vitro Capacitation of Pig Spermatozoa. International Journal of Molecular Sciences, 2020, 21, 3255.	1.8	15
39	Study of boar sperm interaction with Escherichia coli and Clostridium perfringens in refrigerated semen. Animal Reproduction Science, 2018, 197, 134-144.	0.5	14
40	Structural and ultrastructural features of boar seminal vesicles. Tissue and Cell, 2006, 38, 79-91.	1.0	13
41	Histochemical Study of the Interstitial Tissue in Scrotal and Abdominal Boar Testes. Veterinary Journal, 2002, 163, 68-76.	0.6	12
42	Effects of Matrix Filtration of Lowâ€Quality Boar Semen Doses on Sperm Quality. Reproduction in Domestic Animals, 2009, 44, 499-503.	0.6	12
43	Elucidating the Role of K+ Channels during In Vitro Capacitation of Boar Spermatozoa: Do SLO1 Channels Play a Crucial Role?. International Journal of Molecular Sciences, 2019, 20, 6330.	1.8	12
44	Effects of filtration through Sephadex columns improve overall quality parameters and â€œin vivoâ€• fertility of subfertile refrigerated boar-semen. Animal Reproduction Science, 2009, 115, 189-200.	0.5	11
45	Glycocalyx characterisation and glycoprotein expression of Sus domesticus epididymal sperm surface samples. Reproduction, Fertility and Development, 2012, 24, 619.	0.1	11
46	In vitro culture of epithelial cells from the caput, corpus, and cauda epididymis of Sus domesticus. Theriogenology, 2004, 62, 929-942.	0.9	10
47	Blocking NHE Channels Reduces the Ability of In Vitro Capacitated Mammalian Sperm to Respond to Progesterone Stimulus. International Journal of Molecular Sciences, 2021, 22, 12646.	1.8	10
48	Complete Chromatin Decondensation of Pig Sperm Is Required to Analyze Sperm DNA Breaks With the Comet Assay. Frontiers in Cell and Developmental Biology, 2021, 9, 675973.	1.8	9
49	A Review on the Role of Bicarbonate and Proton Transporters during Sperm Capacitation in Mammals. International Journal of Molecular Sciences, 2022, 23, 6333.	1.8	9
50	Efficiency of the process of meiosis in scrotal testes of healthy boars and unilateral abdominal cryptorchid boars. , 1999, 60, 209-214.		8
51	Cytology of the interstitial tissue in scrotal and abdominal testes of post-puberal boars. Tissue and Cell, 2001, 33, 8-24.	1.0	8
52	Evaluation of boar sperm maturation after co-incubation with caput, corpus and cauda epididymal cultures. Theriogenology, 2005, 64, 1995-2009.	0.9	8
53	Long-term storage of boar seminal doses contaminated with Proteus vulgaris: A dose-dependent effect on sperm motility and sperm-bacteria interaction. Animal Reproduction Science, 2020, 216, 106349.	0.5	8
54	Exogenous Albumin Is Crucial for Pig Sperm to Elicit In Vitro Capacitation Whereas Bicarbonate Only Modulates Its Efficiency. Biology, 2021, 10, 1105.	1.3	6

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55	Factors Affecting Boar Reproduction, Testis Function, and Sperm Quality. , 2013, , 109-202.		5
56	Effect of culture conditions on the obtention of boar epididymal epithelial cell monolayers. Animal Reproduction Science, 2006, 95, 262-272.	0.5	3
57	A PCR technique to detect enterotoxigenic and verotoxigenic Escherichia coli in boar semen samples. Research in Veterinary Science, 2012, 93, 31-33.	0.9	3
58	Cell proliferation in the seminiferous and epididymal epithelia of Sus domesticus. Theriogenology, 2014, 81, 702-711.	0.9	3
59	HVCN1 but Not Potassium Channels Are Related to Mammalian Sperm Cryotolerance. International Journal of Molecular Sciences, 2021, 22, 1646.	1.8	3
60	Dynamics of high-sensitivity troponin T and myocardial dysfunction during the first 72Âh of septic shock. European Journal of Internal Medicine, 2021, 91, 104-106.	1.0	3
61	Ion Channels of Spermatozoa: Structure, Function, and Regulation Mechanisms. International Journal of Molecular Sciences, 2022, 23, 5880.	1.8	2
62	Is serum hyperosmolality related with myocardial dysfunction in septic shock patients?. European Journal of Internal Medicine, 2021, , .	1.0	0