

Elisabeth Pinart

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60
papers

1,058
citations

20
h-index

29
g-index

63
ext. papers

1,205
ext. citations

2.9
avg, IF

3.71
L-index

#	Paper	IF	Citations
60	Ion Channels of Spermatozoa: Structure, Function, and Regulation Mechanisms. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5880	6.3	0
59	Blocking NHE Channels Reduces the Ability of In Vitro Capacitated Mammalian Sperm to Respond to Progesterone Stimulus. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
58	Is serum hyperosmolality related with myocardial dysfunction in septic shock patients?. <i>European Journal of Internal Medicine</i> , 2021 ,	3.9	
57	Complete Chromatin Decondensation of Pig Sperm Is Required to Analyze Sperm DNA Breaks With the Comet Assay. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 675973	5.7	2
56	HVCN1 but Not Potassium Channels Are Related to Mammalian Sperm Cryotolerance. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
55	Dynamics of high-sensitivity troponin T and myocardial dysfunction during the first 72 h of septic shock. <i>European Journal of Internal Medicine</i> , 2021 , 91, 104-106	3.9	2
54	The Presence of Seminal Plasma during Liquid Storage of Pig Spermatozoa at 17 °C Modulates Their Ability to Elicit In Vitro Capacitation and Trigger Acrosomal Exocytosis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
53	Long-term storage of boar seminal doses contaminated with <i>Proteus vulgaris</i> : A dose-dependent effect on sperm motility and sperm-bacteria interaction. <i>Animal Reproduction Science</i> , 2020 , 216, 106349 ^{2.1}		4
52	HVCN1 Channels Are Relevant for the Maintenance of Sperm Motility During In Vitro Capacitation of Pig Spermatozoa. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
51	Elucidating the Role of K Channels during In Vitro Capacitation of Boar Spermatozoa: Do SLO1 Channels Play a Crucial Role?. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6
50	Evaluation of porcine beta defensins-1 and -2 as antimicrobial peptides for liquid-stored boar semen: Effects on bacterial growth and sperm quality. <i>Theriogenology</i> , 2018 , 111, 9-18	2.8	15
49	Study of boar sperm interaction with <i>Escherichia coli</i> and <i>Clostridium perfringens</i> in refrigerated semen. <i>Animal Reproduction Science</i> , 2018 , 197, 134-144	2.1	8
48	A comparative study of the effects of <i>Escherichia coli</i> and <i>Clostridium perfringens</i> upon boar semen preserved in liquid storage. <i>Animal Reproduction Science</i> , 2017 , 177, 65-78	2.1	24
47	Acrosin activity is a good predictor of boar sperm freezability. <i>Theriogenology</i> , 2015 , 83, 1525-33	2.8	10
46	Sperm quality and fertility of boar seminal doses after 2 days of storage: does the type of extender really matter?. <i>Theriogenology</i> , 2015 , 83, 1428-37	2.8	13
45	The improving effect of reduced glutathione on boar sperm cryotolerance is related with the intrinsic ejaculate freezability. <i>Cryobiology</i> , 2014 , 68, 251-61	2.7	39
44	Cell proliferation in the seminiferous and epididymal epithelia of <i>Sus domesticus</i> . <i>Theriogenology</i> , 2014 , 81, 702-11	2.8	3

43	Acrosin activity is a suitable indicator of boar semen preservation at 17 °C when increasing environmental temperature and radiation. <i>Theriogenology</i> , 2013 , 80, 234-47	2.8	15
42	Factors Affecting Boar Reproduction, Testis Function, and Sperm Quality 2013 , 109-202		3
41	A PCR technique to detect enterotoxigenic and verotoxigenic Escherichia coli in boar semen samples. <i>Research in Veterinary Science</i> , 2012 , 93, 31-3	2.5	2
40	Epididymal maturation and ejaculation are key events for further in vitro capacitation of boar spermatozoa. <i>Theriogenology</i> , 2012 , 78, 867-77	2.8	14
39	Glycocalyx characterisation and glycoprotein expression of Sus domesticus epididymal sperm surface samples. <i>Reproduction, Fertility and Development</i> , 2012 , 24, 619-30	1.8	10
38	Effects of different concentrations of enterotoxigenic and verotoxigenic E. coli on boar sperm quality. <i>Animal Reproduction Science</i> , 2011 , 127, 176-82	2.1	46
37	Impact of epididymal maturation, ejaculation and in vitro capacitation on tyrosine phosphorylation patterns exhibited of boar (Sus domesticus) spermatozoa. <i>Theriogenology</i> , 2011 , 76, 1356-66	2.8	19
36	Study of the proacrosin-acrosin system in epididymal, ejaculated and in vitro capacitated boar spermatozoa. <i>Reproduction, Fertility and Development</i> , 2011 , 23, 837-45	1.8	25
35	Expression, immunolocalization and processing of fertilins ADAM-1 and ADAM-2 in the boar (Sus domesticus) spermatozoa during epididymal maturation. <i>Reproductive Biology and Endocrinology</i> , 2011 , 9, 96	5	17
34	A diet supplemented with L-carnitine improves the sperm quality of PiErain but not of Duroc and Large White boars when photoperiod and temperature increase. <i>Theriogenology</i> , 2010 , 73, 577-86	2.8	41
33	The HSP90AA1 sperm content and the prediction of the boar ejaculate freezability. <i>Theriogenology</i> , 2010 , 74, 940-50	2.8	42
32	Fertility after post-cervical artificial insemination with cryopreserved sperm from boar ejaculates of good and poor freezability. <i>Animal Reproduction Science</i> , 2010 , 118, 69-76	2.1	29
31	The osmotic tolerance of boar spermatozoa and its usefulness as sperm quality parameter. <i>Animal Reproduction Science</i> , 2010 , 119, 265-74	2.1	23
30	Effects of matrix filtration of low-quality boar semen doses on sperm quality. <i>Reproduction in Domestic Animals</i> , 2009 , 44, 499-503	1.6	10
29	Freezability prediction of boar ejaculates assessed by functional sperm parameters and sperm proteins. <i>Theriogenology</i> , 2009 , 72, 930-48	2.8	75
28	Effects of filtration through Sephadex columns improve overall quality parameters and "in vivo" fertility of subfertile refrigerated boar-semen. <i>Animal Reproduction Science</i> , 2009 , 115, 189-200	2.1	11
27	Boar spermatozoa and prostaglandin F2alpha. Quality of boar sperm after the addition of prostaglandin F2alpha to the short-term extender over cooling time. <i>Animal Reproduction Science</i> , 2008 , 108, 180-95	2.1	26
26	Hyaluronic acid delays boar sperm capacitation after 3 days of storage at 15 degrees C. <i>Animal Reproduction Science</i> , 2008 , 109, 236-50	2.1	28

25	Freeze-thawing induces alterations in the protamine-1/DNA overall structure in boar sperm. <i>Theriogenology</i> , 2008 , 69, 1083-94	2.8	34
24	Effects of filtration of semen doses from subfertile boars through neuter Sephadex columns. <i>Reproduction in Domestic Animals</i> , 2008 , 43, 48-52	1.6	10
23	Effects of cryopreservation on semen quality and the expression of sperm membrane hexose transporters in the spermatozoa of Iberian pigs. <i>Reproduction</i> , 2007 , 134, 111-21	3.8	41
22	Concentrations of carnitine, glutamate and myo-inositol in epididymal fluid and spermatozoa from boars. <i>Animal Reproduction Science</i> , 2007 , 97, 344-55	2.1	23
21	Effect of culture conditions on the obtention of boar epididymal epithelial cell monolayers. <i>Animal Reproduction Science</i> , 2006 , 95, 262-72	2.1	2
20	Effects of exposing boars to different artificial light regimens on semen plasma markers and "in vivo" fertilizing capacity. <i>Theriogenology</i> , 2006 , 65, 317-31	2.8	13
19	Structural and ultrastructural features of boar bulbourethral glands. <i>Tissue and Cell</i> , 2006 , 38, 7-18	2.7	15
18	Structural and ultrastructural features of boar seminal vesicles. <i>Tissue and Cell</i> , 2006 , 38, 79-91	2.7	8
17	Hexose-specificity of hexokinase and ADP-dependence of pyruvate kinase play important roles in the control of monosaccharide utilization in freshly diluted boar spermatozoa. <i>Molecular Reproduction and Development</i> , 2006 , 73, 1179-94	2.6	25
16	Study of the polyol pathway in the porcine epididymis. <i>Molecular Reproduction and Development</i> , 2006 , 73, 859-65	2.6	17
15	Effects of a high semen-collection frequency on the quality of sperm from ejaculates and from six epididymal regions in boars. <i>Theriogenology</i> , 2005 , 63, 2219-32	2.8	31
14	Evaluation of boar sperm maturation after co-incubation with caput, corpus and cauda epididymal cultures [corrected]. <i>Theriogenology</i> , 2005 , 64, 1995-2009	2.8	7
13	Proliferation and apoptosis of spermatogonia in postpuberal boar (<i>Sus domesticus</i>) testes with spontaneous unilateral and bilateral abdominal cryptorchidism. <i>Acta Histochemica</i> , 2005 , 107, 365-72	2	17
12	Development of a protocol for multiple staining with fluorochromes to assess the functional status of boar spermatozoa. <i>Microscopy Research and Technique</i> , 2005 , 68, 277-83	2.8	41
11	In vitro culture of epithelial cells from the caput, corpus, and cauda epididymis of <i>Sus domesticus</i> . <i>Theriogenology</i> , 2004 , 62, 929-42	2.8	9
10	Semen quality of postpubertal boars during increasing and decreasing natural photoperiods. <i>Theriogenology</i> , 2004 , 62, 1271-82	2.8	45
9	Histochemical study of the interstitial tissue in scrotal and abdominal boar testes. <i>Veterinary Journal</i> , 2002 , 163, 68-76	2.5	8
8	The cycle of the seminiferous epithelium in Landrace boars. <i>Animal Reproduction Science</i> , 2002 , 73, 211-251		19

7	Lectin affinity of the seminiferous epithelium in healthy and cryptorchid post-pubertal boars. <i>Journal of Developmental and Physical Disabilities</i> , 2001 , 24, 153-64		21
6	Morphologic and histochemical study of blood capillaries in boar testes: effects of abdominal cryptorchidism. <i>Teratology</i> , 2001 , 63, 42-51		15
5	Cytology of the interstitial tissue in scrotal and abdominal testes of post-pubertal boars. <i>Tissue and Cell</i> , 2001 , 33, 8-24	2.7	7
4	Morphologic study of the testes from spontaneous unilateral and bilateral abdominal cryptorchid boars. <i>Journal of Morphology</i> , 1999 , 239, 225-43	1.6	18
3	Efficiency of the process of meiosis in scrotal testes of healthy boars and unilateral abdominal cryptorchid boars. <i>Teratology</i> , 1999 , 60, 209-14		8
2	Characterization of the semen quality of postpubertal boars with spontaneous unilateral abdominal cryptorchidism on the right side. <i>Animal Reproduction Science</i> , 1999 , 55, 269-78	2.1	16
1	Unilateral spontaneous abdominal cryptorchidism: structural and ultrastructural study of sperm morphology. <i>Animal Reproduction Science</i> , 1998 , 49, 247-68	2.1	27