Emilio A Martinez

List of Publications by Year
in descending order

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220 papers	7,320 citations	50276 46 h-index	91884 69 g-index
227 all docs	227 docs citations	227 times ranked	3719 citing authors

#	Article	IF	Citations
1	Neither frozenâ€“thawed seminal plasma nor commercial transforming growth factorâ€Î²1 infused intraâ€uterо before insemination improved fertility and prolificacy in sows. Reproduction in Domestic Animals, 2022, , .	1.4	2
2	Immunological uterine response to pig embryos before and during implantation. Reproduction in Domestic Animals, 2022, 57, 4-13.	1.4	5
3	Equilibration time with cryoprotectants, but not melatonin supplementation during in vitro maturation, affects viability and metaphase plate morphology of vitrified porcine mature oocytes. Reproduction in Domestic Animals, 2022, , .	1.4	1
4	Exogenous Melatonin in the Culture Medium Does Not Affect the Development of In Vivo-Derived Pig Embryos but Substantially Improves the Quality of In Vitro-Produced Embryos. Antioxidants, 2022, 11, 1177.	5.1	7
5	Effects of Vitrification on the Blastocyst Gene Expression Profile in a Porcine Model. International Journal of Molecular Sciences, 2021, 22, 1222.	4.1	18
6	Intrauterine Infusion of TGF-Î²1 Prior to Insemination, Alike Seminal Plasma, Influences Endometrial Cytokine Responses but Does Not Impact the Timing of the Progression of Pre-Implantation Pig Embryo Development. Biology, 2021, 10, 159.	2.8	3
7	Seminal Plasma: Relevant for Fertility?. International Journal of Molecular Sciences, 2021, 22, 4368.	4.1	56
8	Transcriptional Profiling of Porcine Blastocysts Produced In Vitro in a Chemically Defined Culture Medium. Animals, 2021, 11, 1414.	2.3	2
9	Vitrification Effects on the Transcriptome of in vivo-Derived Porcine Morulae. Frontiers in Veterinary Science, 2021, 8, 771996.	2.2	3
10	A Short-Term Altrenogest Treatment Post-weaning Followed by Superovulation Reduces Pregnancy Rates and Embryo Production Efficiency in Multiparous Sows. Frontiers in Veterinary Science, 2021, 8, 771573.	2.2	5
11	Three-to-5-day weaning-to-estrus intervals do not affect neither efficiency of collection nor inÂvitro developmental ability of inÂvivo-derived pig zygotes. Theriogenology, 2020, 141, 48-53.	2.1	3
12	The cytokine platelet factor 4 successfully replaces bovine serum albumin for the inÂvitro culture of porcine embryos. Theriogenology, 2020, 148, 201-207.	2.1	2
13	Allogeneic Embryos Disregulate Leukemia Inhibitory Factor (LIF) and Its Receptor in the Porcine Endometrium During Implantation. Frontiers in Veterinary Science, 2020, 7, 611598.	2.2	6
14	Blastocyst-Bearing Sows Display a Dominant Anti-Inflammatory Cytokine Profile Compared to Cyclic Sows at Day 6 of the Cycle. Animals, 2020, 10, 2028.	2.3	4
15	Seminal Plasma Induces Overexpression of Genes Associated with Embryo Development and Implantation in Day-6 Porcine Blastocysts. International Journal of Molecular Sciences, 2020, 21, 3662.	4.1	22
16	Proteomics in fresh and preserved pig semen: Recent achievements and future challenges. Theriogenology, 2020, 150, 41-47.	2.1	16
17	Effect of astaxanthin in extenders on sperm quality and functional variables of frozen-thawed boar semen. Animal Reproduction Science, 2020, 218, 106478.	1.5	17
18	Boar seminal plasma: current insights on its potential role for assisted reproductive technologies in swine. Animal Reproduction, 2020, 17, e20200022.	1.0	9

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19	Extracellular vesicles isolated from porcine seminal plasma exhibit different tetraspanin expression profiles. Scientific Reports, 2019, 9, 11584.	3.3	59
20	Achievements and future perspectives of embryo transfer technology in pigs. Reproduction in Domestic Animals, 2019, 54, 4-13.	1.4	29
21	Supplementation with exogenous coenzyme Q10 to media for in vitro maturation and embryo culture fails to promote the developmental competence of porcine embryos. Reproduction in Domestic Animals, 2019, 54, 72-77.	1.4	21
22	Levels of activity of superoxide dismutase in seminal plasma do not predict fertility of pig AI-semen doses. Theriogenology, 2019, 140, 18-24.	2.1	17
23	Boar semen proteomics and sperm preservation. Theriogenology, 2019, 137, 23-29.	2.1	35
24	Porcine blastocyst viability and developmental potential is maintained for 48â€¯h of liquid storage at 25â€¯Â°C without CO2 gassing. Theriogenology, 2019, 135, 46-55.	2.1	3
25	Prevention of hatching of porcine morulae and blastocysts by liquid storage at 20 Â°C. Scientific Reports, 2019, 9, 6219.	3.3	8
26	Cryopreservation Differentially Alters the Proteome of Epididymal and Ejaculated Pig Spermatozoa. International Journal of Molecular Sciences, 2019, 20, 1791.	4.1	29
27	High pre-freezing sperm dilution improves monospermy without affecting the penetration rate in porcine IVF. Theriogenology, 2019, 131, 162-168.	2.1	19
28	The proteome of frozen-thawed pig spermatozoa is dependent on the ejaculate fraction source. Scientific Reports, 2019, 9, 705.	3.3	15
29	Seminal Plasma Cytokines Are Predictive of the Outcome of Boar Sperm Preservation. Frontiers in Veterinary Science, 2019, 6, 436.	2.2	20
30	Seminal Plasma Modifies the Transcriptional Pattern of the Endometrium and Advances Embryo Development in Pigs. Frontiers in Veterinary Science, 2019, 6, 465.	2.2	24
31	The Proteome of Pig Spermatozoa Is Remodeled During Ejaculation. Molecular and Cellular Proteomics, 2019, 18, 41-50.	3.8	40
32	Exogenous ascorbic acid enhances vitrification survival of porcine inÂvitro-developed blastocysts but fails to improve the inÂvitro embryo production outcomes. Theriogenology, 2018, 113, 113-119.	2.1	21
33	Eventual re-vitrification or storage in liquid nitrogen vapor does not jeopardize the practical handling and transport of vitrified pig embryos. Theriogenology, 2018, 113, 229-236.	2.1	4
34	New In-Depth Analytical Approach of the Porcine Seminal Plasma Proteome Reveals Potential Fertility Biomarkers. Journal of Proteome Research, 2018, 17, 1065-1076.	3.7	50
35	Post-thaw boar sperm motility is affected by prolonged storage of sperm in liquid nitrogen. A retrospective study. Cryobiology, 2018, 80, 119-125.	0.7	13
36	Influence of insemination time on the fertility of sex sorted frozen-thawed Y-sperm in red deer. Theriogenology, 2018, 113, 171-175.	2.1	2

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37	Seminal plasma antioxidants are directly involved in boar sperm cryotolerance. Theriogenology, 2018, 107, 27-35.	2.1	54
38	Importance of oil overlay for production of porcine embryos in vitro. Reproduction in Domestic Animals, 2018, 53, 281-286.	1.4	3
39	Simple storage (CO2-free) of porcine morulae for up to three days maintains the inÂvitro viability and developmental competence. Theriogenology, 2018, 108, 229-238.	2.1	14
40	Seminal plasma oxidative stress biomarkers do not predict boar sperm freezability. Cryobiology, 2018, 85, 184.	0.7	0
41	Cryopreservation modifies the protein profile of boar spermatozoa. Cryobiology, 2018, 85, 184.	0.7	0
42	Is boar sperm freezability more intrinsically linked to spermatozoa than to the surrounding seminal plasma?. Animal Reproduction Science, 2018, 195, 30-37.	1.5	19
43	Optimization of protocols for Iberian red deer (C ervus elaphus hispanicus) sperm handling before sex sorting by flow cytometry. Theriogenology, 2017, 92, 129-136.	2.1	3
44	Interspecies Chimerism with Mammalian Pluripotent Stem Cells. Cell, 2017, 168, 473-486.e15.	28.9	397
45	Factors of importance when selecting sows as embryo donors. Animal, 2017, 11, 1330-1335.	3.3	5
46	Developmental competence of porcine genomeâ€edited zygotes. Molecular Reproduction and Development, 2017, 84, 814-821.	2.0	11
47	Active paraoxonase 1 is synthesised throughout the internal boar genital organs. Reproduction, 2017, 154, 237-243.	2.6	9
48	Effects of meiotic inhibitors and gonadotrophins on porcine oocytes in vitro maturation, fertilization and development. Reproduction in Domestic Animals, 2017, 52, 873-880.	1.4	7
49	The overlaying oil type influences in vitro embryo production: differences in composition and compound transfer into incubation medium between oils. Scientific Reports, 2017, 7, 10505.	3.3	23
50	Peroxidized mineral oil increases the oxidant status of culture media and inhibits inÂvitro porcine embryo development. Theriogenology, 2017, 103, 17-23.	2.1	16
51	Effect of sex-sorting and cryopreservation on the post-thaw sperm quality of Iberian red deer spermatozoa. Theriogenology, 2017, 89, 206-213.	2.1	11
52	Surgical embryo collection but not nonsurgical embryo transfer compromises postintervention prolificacy in sows. Theriogenology, 2017, 87, 316-320.	2.1	12
53	Altrenogest treatment before weaning improves litter size in sows. Reproduction in Domestic Animals, 2017, 52, 75-77.	1.4	11
54	Profile and reproductive roles of seminal plasma melatonin of boar ejaculates used in artificial insemination programs1. Journal of Animal Science, 2017, 95, 1660-1668.	0.5	7

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55	Profile and reproductive roles of seminal plasma melatonin of boar ejaculates used in artificial insemination programs. Journal of Animal Science, 2017, 95, 1660.	0.5	5
56	The Effect of Oxidative Stress on Thawed Bulkâ€Sorted Red Deer Sperm. Reproduction in Domestic Animals, 2016, 51, 407-414.	1.4	9
57	Seminal plasma affects sperm sex sorting in boars. Reproduction, Fertility and Development, 2016, 28, 556.	0.4	7
58	The melatonin concentration in boar seminal plasma: A predictive in vivo fertility marker?. Animal Reproduction Science, 2016, 169, 131.	1.5	2
59	Immunohistochemical localization of paraoxonase type 1 in the boar genital tract. Animal Reproduction Science, 2016, 169, 117.	1.5	0
60	Non-viable sperm in the ejaculate: Lethal escorts for contemporary viable sperm. Animal Reproduction Science, 2016, 169, 24-31.	1.5	28
61	Characterization of the porcine seminal plasma proteome comparing ejaculate portions. Journal of Proteomics, 2016, 142, 15-23.	2.4	74
62	Extensive dataset of boar seminal plasma proteome displaying putative reproductive functions of identified proteins. Data in Brief, 2016, 8, 1370-1373.	1.0	8
63	Generation of human organs in pigs via interspecies blastocyst complementation. Reproduction in Domestic Animals, 2016, 51, 18-24.	1.4	21
64	Effective vitrification and warming of porcine embryos using a pH-stable, chemically defined medium. Scientific Reports, 2016, 6, 33915.	3.3	27
65	The Recipients' Parity Does Not Influence Their Reproductive Performance Following Nonâ€Surgical Deep Uterine Porcine Embryo Transfer. Reproduction in Domestic Animals, 2016, 51, 123-129.	1.4	13
66	Will AI in pigs become more efficient?. Theriogenology, 2016, 86, 187-193.	2.1	59
67	Recent advances toward the practical application of embryo transfer in pigs. Theriogenology, 2016, 85, 152-161.	2.1	37
68	Glutathione Peroxidase 5 Is Expressed by the Entire Pig Male Genital Tract and Once in the Seminal Plasma Contributes to Sperm Survival and In Vivo Fertility. PLoS ONE, 2016, 11, e0162958.	2.5	35
69	High total antioxidant capacity of the porcine seminal plasma (SP-TAC) relates to sperm survival and fertility. Scientific Reports, 2015, 5, 18538.	3.3	56
70	The Seminal Plasma of the Boar is Rich in Cytokines, with Significant Individual and Intra-Ejaculate Variation. American Journal of Reproductive Immunology, 2015, 74, 523-532.	1.2	29
71	Effects of two combinations of cryoprotectants on the inÂvitro developmental capacity of vitrified immature porcine oocytes. Theriogenology, 2015, 84, 545-552.	2.1	28
72	Boar Differences In Artificial Insemination Outcomes: Can They Be Minimized?. Reproduction in Domestic Animals, 2015, 50, 48-55.	1.4	62

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73	Measurement of activity and concentration of paraoxonase 1 (PONâ€1) in seminal plasma and identification of PONâ€2 in the sperm of boar ejaculates. Molecular Reproduction and Development, 2015, 82, 58-65.	2.0	20
74	The activity of paraoxonase type 1 (<scp>PON</scp>â€1) in boar seminal plasma and its relationship with sperm quality, functionality, and in vivo fertility. Andrology, 2015, 3, 315-320.	3.5	33
75	Nonsurgical deep uterine transfer of vitrified, in vivo-derived, porcine embryos is as effective as the default surgical approach. Scientific Reports, 2015, 5, 10587.	3.3	46
76	The use of mineral oil during inÂvitro maturation, fertilization, and embryo culture does not impair the developmental competence of pig oocytes. Theriogenology, 2015, 83, 693-702.	2.1	16
77	Successful Non-Surgical Deep Uterine Transfer of Porcine Morulae after 24 Hour Culture in a Chemically Defined Medium. PLoS ONE, 2014, 9, e104696.	2.5	45
78	An Earlier Uterine Environment Favors the <i>In Vivo</i> Development of Fresh Pig Morulae and Blastocysts Transferred by a Nonsurgical Deep-uterine Method. Journal of Reproduction and Development, 2014, 60, 371-376.	1.4	18
79	Heat-shock protein A8 restores sperm membrane integrity by increasing plasma membrane fluidity. Reproduction, 2014, 147, 719-732.	2.6	40
80	The Effects of Hoechst 33342 Staining and the Male Sample Donor on the Sorting Efficiency of Canine Spermatozoa. Reproduction in Domestic Animals, 2014, 49, 115-121.	1.4	10
81	Relevance of ovarian follicular development to the seasonal impairment of fertility in weaned sows. Veterinary Journal, 2014, 199, 382-386.	1.7	25
82	The effects of superovulation of donor sows on ovarian response and embryo development after nonsurgical deep-uterine embryo transfer. Theriogenology, 2014, 81, 832-839.	2.1	25
83	Boar sperm cryosurvival is better after exposure to seminal plasma from selected fractions than to those from entire ejaculate. Cryobiology, 2014, 69, 203-210.	0.7	49
84	The battle of the sexes starts in the oviduct: modulation of oviductal transcriptome by X and Y-bearing spermatozoa. BMC Genomics, 2014, 15, 293.	2.8	101
85	Successful laparoscopic insemination with a very low number of flow cytometrically sorted boar sperm in field conditions. Theriogenology, 2014, 81, 315-320.	2.1	16
86	Quality of chilled and cold-stored (5ÂÂ°C) canine spermatozoa submitted to different rapid cooling rates. Theriogenology, 2014, 82, 621-626.	2.1	5
87	Intra- and interboar variability in flow cytometric sperm sex sorting. Theriogenology, 2014, 82, 501-508.	2.1	8
88	Egg Yolk and Glycerol Requirements for Freezing Boar Spermatozoa Treated with Methyl Î²-Cyclodextrin or Cholesterol-loaded Cyclodextrin. Journal of Reproduction and Development, 2014, 60, 143-149.	1.4	12
89	Effects of Rapid Cooling Prior to Freezing on the Quality of Canine Cryopreserved Spermatozoa. Journal of Reproduction and Development, 2014, 60, 355-361.	1.4	10
90	The inÂvitro and inÂvivo developmental capacity of selected porcine monospermic zygotes. Theriogenology, 2013, 79, 392-398.	2.1	12

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91	Season of ejaculate collection influences the freezability of boar spermatozoa. Cryobiology, 2013, 67, 299-304.	0.7	30
92	Forskolin improves the cryosurvival of in vivo-derived porcine embryos at very early stages using two vitrification methods. Cryobiology, 2013, 66, 144-150.	0.7	16
93	Suitability and effectiveness of single layer centrifugation using Androcoll-P in the cryopreservation protocol for boar spermatozoa. Animal Reproduction Science, 2013, 140, 173-179.	1.5	44
94	Handling of boar spermatozoa during and after flow cytometric sex-sorting process to improve their inÂvitro fertilizing ability. Theriogenology, 2013, 80, 350-356.	2.1	12
95	Dead spermatozoa in raw semenÂsamples impair inÂvitro fertilization outcomes of frozen-thawed spermatozoa. Fertility and Sterility, 2013, 100, 875-881.	1.0	38
96	The nuclear DNA longevity in cryopreserved boar spermatozoa assessed using the Sperm-Sus-Halomax. Theriogenology, 2013, 79, 1294-1300.	2.1	29
97	Effect of MEM vitamins and forskolin on embryo development and vitrification tolerance of in vitro-produced pig embryos. Animal Reproduction Science, 2013, 136, 296-302.	1.5	15
98	Effects of lipid polarisation on survival of in vivo-derived porcine zygotes vitrified by the superfine open pulled-straw method. Reproduction, Fertility and Development, 2013, 25, 798.	0.4	8
99	Design, development, and application of a non-surgical deep uterine embryo transfer technique in pigs. Animal Frontiers, 2013, 3, 40-47.	1.7	16
100	Improvement of boar sperm cryosurvival by using single-layer colloid centrifugation prior freezing. Theriogenology, 2012, 78, 1117-1125.	2.1	46
101	Non-surgical deep intrauterine transfer of superfine open pulled straw (SOPS)-vitrified porcine embryos: Evaluation of critical steps of the procedure. Theriogenology, 2012, 78, 1339-1349.	2.1	21
102	Differences in the ability of spermatozoa from individual boar ejaculates to withstand different semen-processing techniques. Animal Reproduction Science, 2012, 132, 66-73.	1.5	34
103	Exposure of in vitro-matured porcine oocytes to SYBR-14 and fluorescence impairs their developmental capacity. Animal Reproduction Science, 2012, 133, 101-108.	1.5	2
104	Early Developing Pig Embryos Mediate Their Own Environment in the Maternal Tract. PLoS ONE, 2012, 7, e33625.	2.5	70
105	Effects of Hoechst 33342 staining and ultraviolet irradiation on mitochondrial distribution and DNA copy number in porcine oocytes and preimplantation embryos. Molecular Reproduction and Development, 2012, 79, 651-663.	2.0	20
106	The Effect of Glycerol Concentrations on the Postâ€thaw In Vitro Characteristics of Cryopreserved Sexâ€sorted Boar Spermatozoa. Reproduction in Domestic Animals, 2012, 47, 965-974.	1.4	7
107	Seminal Plasma Proteins as Modulators of the Sperm Function and Their Application in Sperm Biotechnologies. Reproduction in Domestic Animals, 2012, 47, 12-21.	1.4	93
108	Detrimental Effects of Non-Functional Spermatozoa on the Freezability of Functional Spermatozoa from Boar Ejaculate. PLoS ONE, 2012, 7, e36550.	2.5	42

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109	Boar semen can tolerate rapid cooling rates prior to freezing. Reproduction, Fertility and Development, 2011, 23, 681.	0.4	30
110	Treating boar sperm with cholesterol-loaded cyclodextrins widens the sperm osmotic tolerance limits and enhances the in vitro sperm fertilising ability. Animal Reproduction Science, 2011, 129, 209-220.	1.5	41
111	Use of polarized light microscopy in porcine reproductive technologies. Theriogenology, 2011, 76, 669-677.	2.1	7
112	Effects of Hoechst 33342 staining and ultraviolet irradiation on the developmental competence of in vitro-matured porcine oocytes. Theriogenology, 2011, 76, 1667-1675.	2.1	12
113	Effects of Complement Component 3 Derivatives on Pig Oocyte Maturation, Fertilization and Early Embryo Development In Vitro. Reproduction in Domestic Animals, 2011, 46, 1017-1021.	1.4	17
114	Approaches Towards Efficient Use of Boar Semen in the Pig Industry. Reproduction in Domestic Animals, 2011, 46, 79-83.	1.4	54
115	Spermadhesin PSP-I/PSP-II heterodimer induces migration of polymorphonuclear neutrophils into the uterine cavity of the sow. Journal of Reproductive Immunology, 2010, 84, 57-65.	1.9	55
116	Advances in Swine In Vitro Embryo Production Technologies. Reproduction in Domestic Animals, 2010, 45, 40-48.	1.4	121
117	Capability of frozenâ€“thawed boar spermatozoa to sustain pre-implantational embryo development. Animal Reproduction Science, 2010, 121, 145-151.	1.5	19
118	Pentoxifylline added to freezing or post-thaw extenders does not improve the survival or in vitro fertilising capacity of boar spermatozoa. Reproduction, 2010, 139, 557-564.	2.6	15
119	Vitrification and warming of in vivoâ€“derived porcine embryos in a chemically defined medium. Theriogenology, 2010, 73, 300-308.	2.1	27
120	In vitro postwarming viability of vitrified porcine embryos: Effect of cryostorage length. Theriogenology, 2010, 74, 486-490.	2.1	23
121	Superfine open pulled straws vitrification of porcine blastocysts does not require pretreatment with cytochalasin B and/or centrifugation. Reproduction, Fertility and Development, 2010, 22, 808.	0.4	30
122	Use of frozen-thawed semen aggravates the summer-autumn infertility of artificially inseminated weaned sows in the Mediterranean region1. Journal of Animal Science, 2009, 87, 3967-3975.	0.5	11
123	PSPâ€/PSPâ€ spermadhesin exert a decapacitation effect on highly extended boar spermatozoa. Journal of Developmental and Physical Disabilities, 2009, 32, 505-513.	3.6	54
124	Distinct Effects of Boar Seminal Plasma Fractions Exhibiting Different Protein Profiles on the Functionality of Highly Diluted Boar Spermatozoa. Reproduction in Domestic Animals, 2009, 44, 200-205.	1.4	30
125	Sex-sorting sperm by flow cytometry in pigs: Issues and perspectives. Theriogenology, 2009, 71, 80-88.	2.1	46
126	Validation of trans-rectal ultrasonography for counting preovulatory follicles in weaned sows. Animal Reproduction Science, 2009, 113, 137-142.	1.5	11

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127	Evaluation of l-glutamine for cryopreservation of boar spermatozoa. Animal Reproduction Science, 2009, 115, 149-157.	1.5	36
128	Characterization of glycoside residues of porcine zona pellucida and ooplasm during follicular development and atresia. Molecular Reproduction and Development, 2008, 75, 1473-1483.	2.0	10
129	In Vitro Fertilization (IVF) in Straws and a Short Gamete Coincubation Time Improves the Efficiency of Porcine IVF. Reproduction in Domestic Animals, 2008, 43, 747-752.	1.4	9
130	Localization and expression of spermadhesin PSPâ€‰/PSPâ€‰ subunits in the reproductive organs of the boar. Journal of Developmental and Physical Disabilities, 2008, 31, 408-417.	3.6	12
131	Lowâ€Dose Insemination in Pigs: Problems and Possibilities. Reproduction in Domestic Animals, 2008, 43, 347-354.	1.4	22
132	Improving the Efficiency of Insemination with Sexâ€sorted Spermatozoa. Reproduction in Domestic Animals, 2008, 43, 1-8.	1.4	37
133	Effects of ultrashort gamete co-incubation time on porcine in vitro fertilization. Animal Reproduction Science, 2008, 106, 393-401.	1.5	14
134	Factors affecting the success rate of porcine embryo vitrification by the Open Pulled Straw method. Animal Reproduction Science, 2008, 108, 334-344.	1.5	43
135	Boar semen variability and its effects on IVF efficiency. Theriogenology, 2008, 70, 1260-1268.	2.1	40
136	New developments in low-dose insemination technology. Theriogenology, 2008, 70, 1216-1224.	2.1	37
137	Major proteins of boar seminal plasma as a tool for biotechnological preservation of spermatozoa. Theriogenology, 2008, 70, 1352-1355.	2.1	52
138	Effect of the cryoprotectant concentration on the in vitro embryo development and cell proliferation of OPS-vitrified porcine blastocysts. Cryobiology, 2008, 56, 189-194.	0.7	39
139	In vitro maturation of porcine oocytes with retinoids improves embryonic development. Reproduction, Fertility and Development, 2008, 20, 483.	0.4	31
140	Pre-pubertal Di(2-ethylhexyl) Phthalate (DEHP) Exposure of Young Boars Did Not Affect SpermIn vitroPenetration Capacity of Homologous Oocytes Post-puberty. Archives of Andrology, 2007, 53, 141-147.	1.0	5
141	Brief coincubation of gametes in porcine in vitro fertilization: Role of sperm:oocyte ratio and post-coincubation medium. Theriogenology, 2007, 67, 620-626.	2.1	29
142	The effectiveness of the stereomicroscopic evaluation of embryo quality in vitrifiedâ€“warmed porcine blastocysts: An ultrastructural and cell death study. Theriogenology, 2007, 67, 970-982.	2.1	31
143	Adjustments on the cryopreservation conditions reduce the incidence of boar ejaculates with poor sperm freezability. Theriogenology, 2007, 67, 1436-1445.	2.1	76
144	Vitrification of in vitro cultured porcine two-to-four cell embryos. Theriogenology, 2007, 68, 258-264.	2.1	19

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145	Improving the fertilizing ability of sex sorted boar spermatozoa. Theriogenology, 2007, 68, 771-778.	2.1	37
146	Cryo-scanning electron microscopy (Cryo-SEM) of semen frozen in medium-straws from good and sub-standard freezer AI-boars. Cryobiology, 2007, 54, 63-70.	0.7	21
147	Cryosurvival and In Vitro Fertilizing Capacity Postthaw Is Improved When Boar Spermatozoa Are Frozen in the Presence of Seminal Plasma From Good Freezer Boars. Journal of Andrology, 2007, 28, 689-697.	2.0	94
148	Modulation of The Oviductal Environment by Gametes. Journal of Proteome Research, 2007, 6, 4656-4666.	3.7	132
149	Retained Functional Integrity of Bull Spermatozoa after Double Freezing and Thawing Using PureSpermÂ® Density Gradient Centrifugation. Reproduction in Domestic Animals, 2007, 42, 489-494.	1.4	45
150	Immunolocalization and Possible Functional Role of PSP-I/PSP-II Heterodimer in Highly Extended Boar Spermatozoa. Journal of Andrology, 2006, 27, 766-773.	2.0	44
151	Dissecting the Protective Effect of the Seminal Plasma Spermadhesin PSP-I/PSP-II on Boar Sperm Functionality. Journal of Andrology, 2006, 27, 434-443.	2.0	43
152	Dissimilarities in sowsâ€™ ovarian status at the insemination time could explain differences in fertility between farms when frozen-thawed semen is used. Theriogenology, 2006, 65, 669-680.	2.1	43
153	Factors influencing boar sperm cryosurvival1. Journal of Animal Science, 2006, 84, 2692-2699.	0.5	120
154	Incidence of Unilateral Fertilizations after Low Dose Deep Intrauterine Insemination in Spontaneously Ovulating Sows under Field Conditions. Reproduction in Domestic Animals, 2006, 41, 41-47.	1.4	31
155	Differences in SCSA outcome among boars with different sperm freezability. Journal of Developmental and Physical Disabilities, 2006, 29, 583-591.	3.6	65
156	Challenges in Pig Artificial Insemination. Reproduction in Domestic Animals, 2006, 41, 43-53.	1.4	66
157	OC12 Combination of IVF Strategies to Reduce Porcine Polyspermic Fertilization: Straw IVF System and Short Gamete Coincubation Time. Reproduction in Domestic Animals, 2006, 41, 105-105.	1.4	1
158	An update on Reproductive Technologies with Potential Short-Term Application in Pig Production. Reproduction in Domestic Animals, 2005, 40, 300-309.	1.4	38
159	Influence of constant long days on ejaculate parameters of rabbits reared under natural environment conditions of Mediterranean area. Livestock Science, 2005, 94, 169-177.	1.2	18
160	Influence of seminal plasma PSP-I/PSP-II spermadhesin on pig gamete interaction. Zygote, 2005, 13, 11-16.	1.1	29
161	Boar spermatozoa in the oviduct. Theriogenology, 2005, 63, 514-535.	2.1	184
162	Improving the efficiency of sperm technologies in pigs: the value of deep intrauterine insemination. Theriogenology, 2005, 63, 536-547.	2.1	56

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163	Influence of storage time on functional capacity of flow cytometrically sex-sorted boar spermatozoa. Theriogenology, 2005, 64, 86-98.	2.1	28
164	Does multivariate analysis of post-thaw sperm characteristics accurately estimate in vitro fertility of boar individual ejaculates?. Theriogenology, 2005, 64, 305-316.	2.1	45
165	Adjustments in IVF system for individual boars: Value of additives and time of spermâ€“oocyte co-incubation. Theriogenology, 2005, 64, 1783-1796.	2.1	32
166	Piglets born after non-surgical deep intrauterine transfer of vitrified blastocysts in gilts. Animal Reproduction Science, 2005, 85, 275-286.	1.5	56
167	Kinematic Changes During the Cryopreservation of Boar Spermatozoa. Journal of Andrology, 2005, 26, 610-618.	2.0	92
168	11 TIME OF INSEMINATION RELATIVE TO OVULATION EXPLAINS FERTILITY VARIATIONS OFFROZEN - THAWED SPERMATOZOA BETWEEN FARMS. Reproduction, Fertility and Development, 2005, 17, 155.	0.4	1
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