

# Emilio A Martinez

## List of Publications by Year in Descending Order

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**Version:** 2023-06-07

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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.

205  
papers

5,920  
citations

41  
h-index

63  
g-index

227  
ext. papers

6,620  
ext. citations

2.7  
avg, IF

5.28  
L-index

#	Paper	IF	Citations
205	Vitrification Effects on the Transcriptome of -Derived Porcine Morulae. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 771996	0.8	0
204	A Short-Term Altrenogest Treatment Post-weaning Followed by Superovulation Reduces Pregnancy Rates and Embryo Production Efficiency in Multiparous Sows. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 771573	0.8	0
203	Seminal Plasma: Relevant for Fertility?. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	1.9	13
202	Effects of Vitrification on the Blastocyst Gene Expression Profile in a Porcine Model. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	1.9	6
201	Intrauterine Infusion of TGF- $\beta$ 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. <i>Biology</i> , <b>2021</b> , 10,	1.6	1
200	Seminal Plasma Induces Overexpression of Genes Associated with Embryo Development and Implantation in Day-6 Porcine Blastocysts. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	1.9	6
199	Proteomics in fresh and preserved pig semen: Recent achievements and future challenges. <i>Theriogenology</i> , <b>2020</b> , 150, 41-47	0.8	7
198	Effect of astaxanthin in extenders on sperm quality and functional variables of frozen-thawed boar semen. <i>Animal Reproduction Science</i> , <b>2020</b> , 218, 106478	0.6	4
197	Boar seminal plasma: current insights on its potential role for assisted reproductive technologies in swine. <i>Animal Reproduction</i> , <b>2020</b> , 17, e20200022	0.4	4
196	The cytokine platelet factor 4 successfully replaces bovine serum albumin for the in vitro culture of porcine embryos. <i>Theriogenology</i> , <b>2020</b> , 148, 201-207	0.8	1
195	Allogeneic Embryos Disregulate Leukemia Inhibitory Factor (LIF) and Its Receptor in the Porcine Endometrium During Implantation. <i>Frontiers in Veterinary Science</i> , <b>2020</b> , 7, 611598	0.8	1
194	Blastocyst-Bearing Sows Display a Dominant Anti-Inflammatory Cytokine Profile Compared to Cyclic Sows at Day 6 of the Cycle. <i>Animals</i> , <b>2020</b> , 10,	1.1	2
193	Three-to-5-day weaning-to-estrus intervals do not affect neither efficiency of collection nor in vitro developmental ability of in vivo-derived pig zygotes. <i>Theriogenology</i> , <b>2020</b> , 141, 48-53	0.8	2
192	Levels of activity of superoxide dismutase in seminal plasma do not predict fertility of pig AI-semen doses. <i>Theriogenology</i> , <b>2019</b> , 140, 18-24	0.8	13
191	Boar semen proteomics and sperm preservation. <i>Theriogenology</i> , <b>2019</b> , 137, 23-29	0.8	20
190	Porcine blastocyst viability and developmental potential is maintained for 48 h of liquid storage at 25 °C without CO gassing. <i>Theriogenology</i> , <b>2019</b> , 135, 46-55	0.8	2
189	Prevention of hatching of porcine morulae and blastocysts by liquid storage at 20 °C. <i>Scientific Reports</i> , <b>2019</b> , 9, 6219	1.5	5

188	Cryopreservation Differentially Alters the Proteome of Epididymal and Ejaculated Pig Spermatozoa. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	1.9	18
187	High pre-freezing sperm dilution improves monospermy without affecting the penetration rate in porcine IVF. <i>Theriogenology</i> , <b>2019</b> , 131, 162-168	0.8	5
186	The proteome of frozen-thawed pig spermatozoa is dependent on the ejaculate fraction source. <i>Scientific Reports</i> , <b>2019</b> , 9, 705	1.5	10
185	Extracellular vesicles isolated from porcine seminal plasma exhibit different tetraspanin expression profiles. <i>Scientific Reports</i> , <b>2019</b> , 9, 11584	1.5	31
184	Achievements and future perspectives of embryo transfer technology in pigs. <i>Reproduction in Domestic Animals</i> , <b>2019</b> , 54 Suppl 4, 4-13	0.5	15
183	Supplementation with exogenous coenzyme Q10 to media for in vitro maturation and embryo culture fails to promote the developmental competence of porcine embryos. <i>Reproduction in Domestic Animals</i> , <b>2019</b> , 54 Suppl 4, 72-77	0.5	11
182	Seminal Plasma Cytokines Are Predictive of the Outcome of Boar Sperm Preservation. <i>Frontiers in Veterinary Science</i> , <b>2019</b> , 6, 436	0.8	16
181	Seminal Plasma Modifies the Transcriptional Pattern of the Endometrium and Advances Embryo Development in Pigs. <i>Frontiers in Veterinary Science</i> , <b>2019</b> , 6, 465	0.8	13
180	The Proteome of Pig Spermatozoa Is Remodeled During Ejaculation. <i>Molecular and Cellular Proteomics</i> , <b>2019</b> , 18, 41-50	1.9	26
179	Exogenous ascorbic acid enhances vitrification survival of porcine in vitro-developed blastocysts but fails to improve the in vitro embryo production outcomes. <i>Theriogenology</i> , <b>2018</b> , 113, 113-119	0.8	14
178	Eventual re-vitrification or storage in liquid nitrogen vapor does not jeopardize the practical handling and transport of vitrified pig embryos. <i>Theriogenology</i> , <b>2018</b> , 113, 229-236	0.8	3
177	New In-Depth Analytical Approach of the Porcine Seminal Plasma Proteome Reveals Potential Fertility Biomarkers. <i>Journal of Proteome Research</i> , <b>2018</b> , 17, 1065-1076	1.4	37
176	Post-thaw boar sperm motility is affected by prolonged storage of sperm in liquid nitrogen. A retrospective study. <i>Cryobiology</i> , <b>2018</b> , 80, 119-125	0.7	8
175	Influence of insemination time on the fertility of sex sorted frozen-thawed Y-sperm in red deer. <i>Theriogenology</i> , <b>2018</b> , 113, 171-175	0.8	2
174	Seminal plasma antioxidants are directly involved in boar sperm cryotolerance. <i>Theriogenology</i> , <b>2018</b> , 107, 27-35	0.8	38
173	Is boar sperm freezability more intrinsically linked to spermatozoa than to the surrounding seminal plasma?. <i>Animal Reproduction Science</i> , <b>2018</b> , 195, 30-37	0.6	16
172	Is mare endometrosis linked to oviduct fibrosis?. <i>Pferdeheilkunde</i> , <b>2018</b> , 34, 43-46	0.9	5
171	Importance of oil overlay for production of porcine embryos in vitro. <i>Reproduction in Domestic Animals</i> , <b>2018</b> , 53, 281-286	0.5	2

170	Simple storage (CO-free) of porcine morulae for up to three days maintains the in vitro viability and developmental competence. <i>Theriogenology</i> , <b>2018</b> , 108, 229-238	0.8	7
169	Optimization of protocols for Iberian red deer ( <i>Cervus elaphus hispanicus</i> ) sperm handling before sex sorting by flow cytometry. <i>Theriogenology</i> , <b>2017</b> , 92, 129-136	0.8	2
168	Interspecies Chimerism with Mammalian Pluripotent Stem Cells. <i>Cell</i> , <b>2017</b> , 168, 473-486.e15	16.8	289
167	Factors of importance when selecting sows as embryo donors. <i>Animal</i> , <b>2017</b> , 11, 1330-1335	1	3
166	Developmental competence of porcine genome-edited zygotes. <i>Molecular Reproduction and Development</i> , <b>2017</b> , 84, 814-821	0.8	8
165	Active paraoxonase 1 is synthesised throughout the internal boar genital organs. <i>Reproduction</i> , <b>2017</b> , 154, 237-243	1.1	7
164	Effects of meiotic inhibitors and gonadotrophins on porcine oocytes in vitro maturation, fertilization and development. <i>Reproduction in Domestic Animals</i> , <b>2017</b> , 52, 873-880	0.5	5
163	The overlaying oil type influences in vitro embryo production: differences in composition and compound transfer into incubation medium between oils. <i>Scientific Reports</i> , <b>2017</b> , 7, 10505	1.5	15
162	Peroxidized mineral oil increases the oxidant status of culture media and inhibits in vitro porcine embryo development. <i>Theriogenology</i> , <b>2017</b> , 103, 17-23	0.8	12
161	Effect of sex-sorting and cryopreservation on the post-thaw sperm quality of Iberian red deer spermatozoa. <i>Theriogenology</i> , <b>2017</b> , 89, 206-213	0.8	11
160	Surgical embryo collection but not nonsurgical embryo transfer compromises postintervention prolificacy in sows. <i>Theriogenology</i> , <b>2017</b> , 87, 316-320	0.8	7
159	Altrenogest treatment before weaning improves litter size in sows. <i>Reproduction in Domestic Animals</i> , <b>2017</b> , 52 Suppl 4, 75-77	0.5	8
158	Profile and reproductive roles of seminal plasma melatonin of boar ejaculates used in artificial insemination programs. <i>Journal of Animal Science</i> , <b>2017</b> , 95, 1660-1668	0.2	6
157	Profile and reproductive roles of seminal plasma melatonin of boar ejaculates used in artificial insemination programs. <i>Journal of Animal Science</i> , <b>2017</b> , 95, 1660	0.2	5
156	Recent advances toward the practical application of embryo transfer in pigs. <i>Theriogenology</i> , <b>2016</b> , 85, 152-61	0.8	30
155	Generation of human organs in pigs via interspecies blastocyst complementation. <i>Reproduction in Domestic Animals</i> , <b>2016</b> , 51 Suppl 2, 18-24	0.5	15
154	Effective vitrification and warming of porcine embryos using a pH-stable, chemically defined medium. <i>Scientific Reports</i> , <b>2016</b> , 6, 33915	1.5	20
153	The Recipients Parity Does Not Influence Their Reproductive Performance Following Non-Surgical Deep Uterine Porcine Embryo Transfer. <i>Reproduction in Domestic Animals</i> , <b>2016</b> , 51, 123-9	0.5	8

152	Will AI in pigs become more efficient?. <i>Theriogenology</i> , <b>2016</b> , 86, 187-93	0.8	42
151	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. <i>PLoS ONE</i> , <b>2016</b> , 11, e0162958	1.2	25
150	The Effect of Oxidative Stress on Thawed Bulk-Sorted Red Deer Sperm. <i>Reproduction in Domestic Animals</i> , <b>2016</b> , 51, 407-14	0.5	6
149	Seminal plasma affects sperm sex sorting in boars. <i>Reproduction, Fertility and Development</i> , <b>2016</b> , 28, 556-64	0.3	6
148	Non-viable sperm in the ejaculate: Lethal escorts for contemporary viable sperm. <i>Animal Reproduction Science</i> , <b>2016</b> , 169, 24-31	0.6	20
147	Characterization of the porcine seminal plasma proteome comparing ejaculate portions. <i>Journal of Proteomics</i> , <b>2016</b> , 142, 15-23	1.1	60
146	Extensive dataset of boar seminal plasma proteome displaying putative reproductive functions of identified proteins. <i>Data in Brief</i> , <b>2016</b> , 8, 1370-3	0.4	6
145	Measurement of activity and concentration of paraoxonase 1 (PON-1) in seminal plasma and identification of PON-2 in the sperm of boar ejaculates. <i>Molecular Reproduction and Development</i> , <b>2015</b> , 82, 58-65	0.8	15
144	The activity of paraoxonase type 1 (PON-1) in boar seminal plasma and its relationship with sperm quality, functionality, and in vivo fertility. <i>Andrology</i> , <b>2015</b> , 3, 315-20	1.4	28
143	Nonsurgical deep uterine transfer of vitrified, in vivo-derived, porcine embryos is as effective as the default surgical approach. <i>Scientific Reports</i> , <b>2015</b> , 5, 10587	1.5	34
142	The use of mineral oil during in vitro maturation, fertilization, and embryo culture does not impair the developmental competence of pig oocytes. <i>Theriogenology</i> , <b>2015</b> , 83, 693-702	0.8	13
141	High total antioxidant capacity of the porcine seminal plasma (SP-TAC) relates to sperm survival and fertility. <i>Scientific Reports</i> , <b>2015</b> , 5, 18538	1.5	41
140	The Seminal Plasma of the Boar is Rich in Cytokines, with Significant Individual and Intra-Ejaculate Variation. <i>American Journal of Reproductive Immunology</i> , <b>2015</b> , 74, 523-32	1	25
139	Effects of two combinations of cryoprotectants on the in vitro developmental capacity of vitrified immature porcine oocytes. <i>Theriogenology</i> , <b>2015</b> , 84, 545-52	0.8	18
138	Boar Differences In Artificial Insemination Outcomes: Can They Be Minimized?. <i>Reproduction in Domestic Animals</i> , <b>2015</b> , 50 Suppl 2, 48-55	0.5	45
137	The effects of superovulation of donor sows on ovarian response and embryo development after nonsurgical deep-uterine embryo transfer. <i>Theriogenology</i> , <b>2014</b> , 81, 832-9	0.8	18
136	Boar sperm cryosurvival is better after exposure to seminal plasma from selected fractions than to those from entire ejaculate. <i>Cryobiology</i> , <b>2014</b> , 69, 203-10	0.7	40
135	The battle of the sexes starts in the oviduct: modulation of oviductal transcriptome by X and Y-bearing spermatozoa. <i>BMC Genomics</i> , <b>2014</b> , 15, 293	1.3	88

134	Successful laparoscopic insemination with a very low number of flow cytometrically sorted boar sperm in field conditions. <i>Theriogenology</i> , <b>2014</b> , 81, 315-20	0.8	13
133	Quality of chilled and cold-stored (5°C) canine spermatozoa submitted to different rapid cooling rates. <i>Theriogenology</i> , <b>2014</b> , 82, 621-6	0.8	4
132	Intra- and interboar variability in flow cytometric sperm sex sorting. <i>Theriogenology</i> , <b>2014</b> , 82, 501-8	0.8	7
131	Egg yolk and glycerol requirements for freezing boar spermatozoa treated with methyl Cyclodextrin or cholesterol-loaded cyclodextrin. <i>Journal of Reproduction and Development</i> , <b>2014</b> , 60, 143-9	0.5	8
130	Successful non-surgical deep uterine transfer of porcine morulae after 24 hour culture in a chemically defined medium. <i>PLoS ONE</i> , <b>2014</b> , 9, e104696	1.2	31
129	An earlier uterine environment favors the in vivo development of fresh pig morulae and blastocysts transferred by a nonsurgical deep-uterine method. <i>Journal of Reproduction and Development</i> , <b>2014</b> , 60, 371-6	0.5	15
128	Heat-shock protein A8 restores sperm membrane integrity by increasing plasma membrane fluidity. <i>Reproduction</i> , <b>2014</b> , 147, 719-32	1.1	34
127	The effects of hoechst 33342 staining and the male sample donor on the sorting efficiency of canine spermatozoa. <i>Reproduction in Domestic Animals</i> , <b>2014</b> , 49, 115-21	0.5	9
126	Relevance of ovarian follicular development to the seasonal impairment of fertility in weaned sows. <i>Veterinary Journal</i> , <b>2014</b> , 199, 382-6	0.5	18
125	Effects of rapid cooling prior to freezing on the quality of canine cryopreserved spermatozoa. <i>Journal of Reproduction and Development</i> , <b>2014</b> , 60, 355-61	0.5	7
124	The in vitro and in vivo developmental capacity of selected porcine monospermic zygotes. <i>Theriogenology</i> , <b>2013</b> , 79, 392-8	0.8	11
123	Season of ejaculate collection influences the freezability of boar spermatozoa. <i>Cryobiology</i> , <b>2013</b> , 67, 299-304	0.7	23
122	Forskolin improves the cryosurvival of in vivo-derived porcine embryos at very early stages using two vitrification methods. <i>Cryobiology</i> , <b>2013</b> , 66, 144-50	0.7	15
121	Suitability and effectiveness of single layer centrifugation using Androcoll-P in the cryopreservation protocol for boar spermatozoa. <i>Animal Reproduction Science</i> , <b>2013</b> , 140, 173-9	0.6	38
120	Handling of boar spermatozoa during and after flow cytometric sex-sorting process to improve their in vitro fertilizing ability. <i>Theriogenology</i> , <b>2013</b> , 80, 350-6	0.8	11
119	Dead spermatozoa in raw semen samples impair in vitro fertilization outcomes of frozen-thawed spermatozoa. <i>Fertility and Sterility</i> , <b>2013</b> , 100, 875-81	1.3	29
118	The nuclear DNA longevity in cryopreserved boar spermatozoa assessed using the Sperm-Sus-Halomax. <i>Theriogenology</i> , <b>2013</b> , 79, 1294-300	0.8	22
117	Effect of MEM vitamins and forskolin on embryo development and vitrification tolerance of in vitro-produced pig embryos. <i>Animal Reproduction Science</i> , <b>2013</b> , 136, 296-302	0.6	11

116	Effects of lipid polarisation on survival of in vivo-derived porcine zygotes vitrified by the superfine open pulled-straw method. <i>Reproduction, Fertility and Development</i> , <b>2013</b> , 25, 798-806	0.3	6
115	Design, development, and application of a non-surgical deep uterine embryo transfer technique in pigs. <i>Animal Frontiers</i> , <b>2013</b> , 3, 40-47	0.8	13
114	The effect of glycerol concentrations on the post-thaw in vitro characteristics of cryopreserved sex-sorted boar spermatozoa. <i>Reproduction in Domestic Animals</i> , <b>2012</b> , 47, 965-74	0.5	7
113	Seminal plasma proteins as modulators of the sperm function and their application in sperm biotechnologies. <i>Reproduction in Domestic Animals</i> , <b>2012</b> , 47 Suppl 3, 12-21	0.5	76
112	Improvement of boar sperm cryosurvival by using single-layer colloid centrifugation prior freezing. <i>Theriogenology</i> , <b>2012</b> , 78, 1117-25	0.8	39
111	Non-surgical deep intrauterine transfer of superfine open pulled straw (SOPS)-vitrified porcine embryos: evaluation of critical steps of the procedure. <i>Theriogenology</i> , <b>2012</b> , 78, 1339-49	0.8	18
110	Differences in the ability of spermatozoa from individual boar ejaculates to withstand different semen-processing techniques. <i>Animal Reproduction Science</i> , <b>2012</b> , 132, 66-73	0.6	32
109	Exposure of in vitro-matured porcine oocytes to SYBR-14 and fluorescence impairs their developmental capacity. <i>Animal Reproduction Science</i> , <b>2012</b> , 133, 101-8	0.6	2
108	Early developing pig embryos mediate their own environment in the maternal tract. <i>PLoS ONE</i> , <b>2012</b> , 7, e33625	1.2	62
107	Effects of Hoechst 33342 staining and ultraviolet irradiation on mitochondrial distribution and DNA copy number in porcine oocytes and preimplantation embryos. <i>Molecular Reproduction and Development</i> , <b>2012</b> , 79, 651-63	0.8	16
106	Detrimental effects of non-functional spermatozoa on the freezability of functional spermatozoa from boar ejaculate. <i>PLoS ONE</i> , <b>2012</b> , 7, e36550	1.2	33
105	Boar semen can tolerate rapid cooling rates prior to freezing. <i>Reproduction, Fertility and Development</i> , <b>2011</b> , 23, 681-90	0.3	24
104	Treating boar sperm with cholesterol-loaded cyclodextrins widens the sperm osmotic tolerance limits and enhances the in vitro sperm fertilising ability. <i>Animal Reproduction Science</i> , <b>2011</b> , 129, 209-20	0.6	32
103	Use of polarized light microscopy in porcine reproductive technologies. <i>Theriogenology</i> , <b>2011</b> , 76, 669-770.8	0.8	7
102	Effects of Hoechst 33342 staining and ultraviolet irradiation on the developmental competence of in vitro-matured porcine oocytes. <i>Theriogenology</i> , <b>2011</b> , 76, 1667-75	0.8	11
101	Effects of complement component 3 derivatives on pig oocyte maturation, fertilization and early embryo development in vitro. <i>Reproduction in Domestic Animals</i> , <b>2011</b> , 46, 1017-21	0.5	11
100	Approaches towards efficient use of boar semen in the pig industry. <i>Reproduction in Domestic Animals</i> , <b>2011</b> , 46 Suppl 2, 79-83	0.5	40
99	Capability of frozen-thawed boar spermatozoa to sustain pre-implantational embryo development. <i>Animal Reproduction Science</i> , <b>2010</b> , 121, 145-51	0.6	16

98	Pentoxifylline added to freezing or post-thaw extenders does not improve the survival or in vitro fertilising capacity of boar spermatozoa. <i>Reproduction</i> , <b>2010</b> , 139, 557-64	1.1	15
97	Vitrification and warming of in vivo-derived porcine embryos in a chemically defined medium. <i>Theriogenology</i> , <b>2010</b> , 73, 300-8	0.8	24
96	In vitro postwarming viability of vitrified porcine embryos: effect of cryostorage length. <i>Theriogenology</i> , <b>2010</b> , 74, 486-90	0.8	20
95	Superfine open pulled straws vitrification of porcine blastocysts does not require pretreatment with cytochalasin B and/or centrifugation. <i>Reproduction, Fertility and Development</i> , <b>2010</b> , 22, 808-17	0.3	26
94	Spermadhesin PSP-I/PSP-II heterodimer induces migration of polymorphonuclear neutrophils into the uterine cavity of the sow. <i>Journal of Reproductive Immunology</i> , <b>2010</b> , 84, 57-65	1	43
93	Advances in swine in vitro embryo production technologies. <i>Reproduction in Domestic Animals</i> , <b>2010</b> , 45 Suppl 2, 40-8	0.5	88
92	PSP-I/PSP-II spermadhesin exert a decapacitation effect on highly extended boar spermatozoa. <i>Journal of Developmental and Physical Disabilities</i> , <b>2009</b> , 32, 505-13		48
91	Distinct effects of boar seminal plasma fractions exhibiting different protein profiles on the functionality of highly diluted boar spermatozoa. <i>Reproduction in Domestic Animals</i> , <b>2009</b> , 44, 200-5	0.5	24
90	Sex-sorting sperm by flow cytometry in pigs: issues and perspectives. <i>Theriogenology</i> , <b>2009</b> , 71, 80-8	0.8	41
89	Validation of trans-rectal ultrasonography for counting preovulatory follicles in weaned sows. <i>Animal Reproduction Science</i> , <b>2009</b> , 113, 137-42	0.6	10
88	Evaluation of l-glutamine for cryopreservation of boar spermatozoa. <i>Animal Reproduction Science</i> , <b>2009</b> , 115, 149-57	0.6	27
87	Use of frozen-thawed semen aggravates the summer-autumn infertility of artificially inseminated weaned sows in the Mediterranean region. <i>Journal of Animal Science</i> , <b>2009</b> , 87, 3967-75	0.2	7
86	In vitro fertilization (IVF) in straws and a short gamete coincubation time improves the efficiency of porcine IVF. <i>Reproduction in Domestic Animals</i> , <b>2008</b> , 43, 747-52	0.5	8
85	Localization and expression of spermadhesin PSP-I/PSP-II subunits in the reproductive organs of the boar. <i>Journal of Developmental and Physical Disabilities</i> , <b>2008</b> , 31, 408-17		12
84	Low-dose insemination in pigs: problems and possibilities. <i>Reproduction in Domestic Animals</i> , <b>2008</b> , 43 Suppl 2, 347-54	0.5	18
83	Improving the efficiency of insemination with sex-sorted spermatozoa. <i>Reproduction in Domestic Animals</i> , <b>2008</b> , 43 Suppl 4, 1-8	0.5	35
82	Effects of ultrashort gamete co-incubation time on porcine in vitro fertilization. <i>Animal Reproduction Science</i> , <b>2008</b> , 106, 393-401	0.6	12
81	Factors affecting the success rate of porcine embryo vitrification by the Open Pulled Straw method. <i>Animal Reproduction Science</i> , <b>2008</b> , 108, 334-44	0.6	36



80	Boar semen variability and its effects on IVF efficiency. <i>Theriogenology</i> , <b>2008</b> , 70, 1260-8	0.8	32
79	New developments in low-dose insemination technology. <i>Theriogenology</i> , <b>2008</b> , 70, 1216-24	0.8	30
78	Major proteins of boar seminal plasma as a tool for biotechnological preservation of spermatozoa. <i>Theriogenology</i> , <b>2008</b> , 70, 1352-5	0.8	43
77	Effect of the cryoprotectant concentration on the in vitro embryo development and cell proliferation of OPS-vitrified porcine blastocysts. <i>Cryobiology</i> , <b>2008</b> , 56, 189-94	0.7	32
76	In vitro maturation of porcine oocytes with retinoids improves embryonic development. <i>Reproduction, Fertility and Development</i> , <b>2008</b> , 20, 483-9	0.3	24
75	Characterization of glycoside residues of porcine zona pellucida and ooplasm during follicular development and atresia. <i>Molecular Reproduction and Development</i> , <b>2008</b> , 75, 1473-83	0.8	8
74	Cryosurvival and in vitro fertilizing capacity postthaw is improved when boar spermatozoa are frozen in the presence of seminal plasma from good freezer boars. <i>Journal of Andrology</i> , <b>2007</b> , 28, 689-97		79
73	Modulation of the oviductal environment by gametes. <i>Journal of Proteome Research</i> , <b>2007</b> , 6, 4656-66	1.4	123
72	Retained functional integrity of bull spermatozoa after double freezing and thawing using PureSperm density gradient centrifugation. <i>Reproduction in Domestic Animals</i> , <b>2007</b> , 42, 489-94	0.5	40
71	Pre-pubertal di(2-ethylhexyl) phthalate (DEHP) exposure of young boars did not affect sperm in vitro penetration capacity of homologous oocytes post-puberty. <i>Archives of Andrology</i> , <b>2007</b> , 53, 141-7		5
70	Brief coincubation of gametes in porcine in vitro fertilization: role of sperm:oocyte ratio and post-coincubation medium. <i>Theriogenology</i> , <b>2007</b> , 67, 620-6	0.8	25
69	The effectiveness of the stereomicroscopic evaluation of embryo quality in vitrified-warmed porcine blastocysts: an ultrastructural and cell death study. <i>Theriogenology</i> , <b>2007</b> , 67, 970-82	0.8	27
68	Adjustments on the cryopreservation conditions reduce the incidence of boar ejaculates with poor sperm freezability. <i>Theriogenology</i> , <b>2007</b> , 67, 1436-45	0.8	65
67	Vitrification of in vitro cultured porcine two-to-four cell embryos. <i>Theriogenology</i> , <b>2007</b> , 68, 258-64	0.8	17
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53	Does multivariate analysis of post-thaw sperm characteristics accurately estimate in vitro fertility of boar individual ejaculates?. <i>Theriogenology</i> , <b>2005</b> , 64, 305-16	0.8	38
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51	Piglets born after non-surgical deep intrauterine transfer of vitrified blastocysts in gilts. <i>Animal Reproduction Science</i> , <b>2005</b> , 85, 275-86	0.6	52
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48	Influence of constant long days on ejaculate parameters of rabbits reared under natural environment conditions of Mediterranean area. <i>Livestock Science</i> , <b>2005</b> , 94, 169-177		13
47	Influence of seminal plasma PSP-I/PSP-II spermadhesin on pig gamete interaction. <i>Zygote</i> , <b>2005</b> , 13, 11-60.3		23
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41	Effect of short periods of sperm-oocyte coincubation during in vitro fertilization on embryo development in pigs. <i>Theriogenology</i> , <b>2004</b> , 62, 544-52	0.8	37
40	In vitro development following one-step dilution of OPS-vitrified porcine blastocysts. <i>Theriogenology</i> , <b>2004</b> , 62, 1144-52	0.8	55
39	Successful nonsurgical deep uterine embryo transfer in pigs. <i>Theriogenology</i> , <b>2004</b> , 61, 137-46	0.8	56
38	Influence of sperm:oocyte ratio during in vitro fertilization of in vitro matured cumulus-intact pig oocytes on fertilization parameters and embryo development. <i>Theriogenology</i> , <b>2004</b> , 61, 551-60	0.8	25
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34	Does seminal plasma PSP-I/PSP-II spermadhesin modulate the ability of boar spermatozoa to penetrate homologous oocytes in vitro?. <i>Journal of Andrology</i> , <b>2004</b> , 25, 1004-12		27
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31	Birth of piglets after deep intrauterine insemination with flow cytometrically sorted boar spermatozoa. <i>Theriogenology</i> , <b>2003</b> , 59, 1605-14	0.8	64
30	Fertility of weaned sows after deep intrauterine insemination with a reduced number of frozen-thawed spermatozoa. <i>Theriogenology</i> , <b>2003</b> , 60, 77-87	0.8	93
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23	Successful non-surgical deep intrauterine insemination with small numbers of spermatozoa in sows. <i>Reproduction</i> , <b>2001</b> , 122, 289-96	1.1	73
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12	In vitro fertilization of pig oocytes after different coincubation intervals. <i>Theriogenology</i> , <b>1993</b> , 39, 1201-88	0.8	30
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