Emilio A Martinez

List of Publications by Year
in descending order

148	5,169	68787	105379
papers	citations	39 h-index	61 g-index

165	165	165	2745
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interspecies Chimerism with Mammalian Pluripotent Stem Cells. Cell, 2017, 168, 473-486.e15.	28.1	416
2	Modulation of The Oviductal Environment by Gametes. Journal of Proteome Research, 2007, 6, 4656-4666.	3.8	133
3	Survival and Fertility of Boar Spermatozoa After Freezeâ€Thawing in Extender Supplemented With Butylated Hydroxytoluene. Journal of Andrology, 2004, 25, 397-405.	1.9	129
4	Advances in Swine In Vitro Embryo Production Technologies. Reproduction in Domestic Animals, 2010, 45, 40-48.	1.5	124
5	Fertility of weaned sows after deep intrauterine insemination with a reduced number of frozen-thawed spermatozoa. Theriogenology, 2003, 60, 77-87.	2.2	108
6	Influence of Porcine Spermadhesins on the Susceptibility of Boar Spermatozoa to High Dilution1. Biology of Reproduction, 2003, 69, 640-646.	2.7	106
7	The battle of the sexes starts in the oviduct: modulation of oviductal transcriptome by X and Y-bearing spermatozoa. BMC Genomics, 2014, 15, 293.	2.9	103
8	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.	1.9	99
9	Kinematic Changes During the Cryopreservation of Boar Spermatozoa. Journal of Andrology, 2005, 26, 610-618.	1.9	95
10	Minimum number of spermatozoa required for normal fertility after deep intrauterine insemination in non-sedated sows. Reproduction, 2002, 123, 163-170.	2.7	93
11	Successful non-surgical deep intrauterine insemination with small numbers of spermatozoa in sows. Reproduction, 2001, 122, 289-296.	2.7	90
12	Hypoosmotic swelling of boar spermatozoa compared to other methods for analysing the sperm membrane. Theriogenology, 1997, 47, 913-922.	2.2	88
13	Effects of holding time during cooling and of type of package on plasma membrane integrity, motility and in vitro oocyte penetration ability of frozen-thawed boar spermatozoa. Theriogenology, 2001, 55, 1593-1605.	2.2	78
14	Characterization of the porcine seminal plasma proteome comparing ejaculate portions. Journal of Proteomics, 2016, 142, 15-23.	2.5	78
15	Birth of piglets after deep intrauterine insemination with flow cytometrically sorted boar spermatozoa. Theriogenology, 2003, 59, 1605-1614.	2.2	72
16	Seminal Plasma: Relevant for Fertility?. International Journal of Molecular Sciences, 2021, 22, 4368.	4.2	70
17	Successful nonsurgical deep uterine embryo transfer in pigs. Theriogenology, 2004, 61, 137-146.	2.2	66
18	Boar Differences In Artificial Insemination Outcomes: Can They Be Minimized?. Reproduction in Domestic Animals, 2015, 50, 48-55.	1.5	65

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19	Will AI in pigs become more efficient?. Theriogenology, 2016, 86, 187-193.	2.2	62
20	High total antioxidant capacity of the porcine seminal plasma (SP-TAC) relates to sperm survival and fertility. Scientific Reports, 2015, 5, 18538.	3.5	61
21	Comparative Effects of Autologous and Homologous Seminal Plasma on the Viability of Largely Extended Boar Spermatozoa. Reproduction in Domestic Animals, 2004, 39, 370-375.	1.5	59
22	Seminal plasma antioxidants are directly involved in boar sperm cryotolerance. Theriogenology, 2018, 107, 27-35.	2.2	59
23	Improving the efficiency of sperm technologies in pigs: the value of deep intrauterine insemination. Theriogenology, 2005, 63, 536-547.	2.2	58
24	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.	2.0	57
25	Approaches Towards Efficient Use of Boar Semen in the Pig Industry. Reproduction in Domestic Animals, 2011, 46, 79-83.	1.5	55
26	PSPâ€Ⅱ/PSPâ€Ⅱ spermadhesin exert a decapacitation effect on highly extended boar spermatozoa. Journal of Developmental and Physical Disabilities, 2009, 32, 505-513.	3.6	54
27	Boar sperm cryosurvival is better after exposure to seminal plasma from selected fractions than to those from entire ejaculate. Cryobiology, 2014, 69, 203-210.	1.3	51
28	Nonsurgical deep uterine transfer of vitrified, in vivo-derived, porcine embryos is as effective as the default surgical approach. Scientific Reports, 2015, 5, 10587.	3.5	48
29	Successful Non-Surgical Deep Uterine Transfer of Porcine Morulae after 24 Hour Culture in a Chemically Defined Medium. PLoS ONE, 2014, 9, e104696.	2.4	47
30	Effect of the volume of medium and number of oocytes during in vitro fertilization on embryo development in pigs. Theriogenology, 2003, 60, 767-776.	2.2	46
31	Improvement of boar sperm cryosurvival by using single-layer colloid centrifugation prior freezing. Theriogenology, 2012, 78, 1117-1125.	2.2	46
32	Immunolocalization and Possible Functional Role of PSP-I/PSP-II Heterodimer in Highly Extended Boar Spermatozoa. Journal of Andrology, 2006, 27, 766-773.	1.9	45
33	Retained Functional Integrity of Bull Spermatozoa after Double Freezing and Thawing Using PureSpermÂ® Density Gradient Centrifugation. Reproduction in Domestic Animals, 2007, 42, 489-494.	1.5	45
34	Factors affecting the success rate of porcine embryo vitrification by the Open Pulled Straw method. Animal Reproduction Science, 2008, 108, 334-344.	1.6	44
35	Suitability and effectiveness of single layer centrifugation using Androcoll-P in the cryopreservation protocol for boar spermatozoa. Animal Reproduction Science, 2013, 140, 173-179.	1.6	44
36	Heat-shock protein A8 restores sperm membrane integrity by increasing plasma membrane fluidity. Reproduction, 2014, 147, 719-732.	2.7	44

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37	Detrimental Effects of Non-Functional Spermatozoa on the Freezability of Functional Spermatozoa from Boar Ejaculate. PLoS ONE, 2012, 7, e36550.	2.4	44
38	Dissecting the Protective Effect of the Seminal Plasma Spermadhesin PSP-I/PSP-II on Boar Sperm Functionality. Journal of Andrology, 2006, 27, 434-443.	1.9	43
39	Effect of short periods of spermâ€“oocyte coincubation during in vitro fertilization on embryo development in pigs. Theriogenology, 2004, 62, 544-552.	2.2	39
40	Effect of the cryoprotectant concentration on the in vitro embryo development and cell proliferation of OPS-vitrified porcine blastocysts. Cryobiology, 2008, 56, 189-194.	1.3	39
41	Dead spermatozoa in raw semenÂsamples impair inÂvitro fertilization outcomes of frozen-thawed spermatozoa. Fertility and Sterility, 2013, 100, 875-881.	1.0	39
42	Recent advances toward the practical application of embryo transfer in pigs. Theriogenology, 2016, 85, 152-161.	2.2	39
43	An update on Reproductive Technologies with Potential Short-Term Application in Pig Production. Reproduction in Domestic Animals, 2005, 40, 300-309.	1.5	38
44	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.	2.4	38
45	Evaluation of l-glutamine for cryopreservation of boar spermatozoa. Animal Reproduction Science, 2009, 115, 149-157.	1.6	37
46	Differences in the ability of spermatozoa from individual boar ejaculates to withstand different semen-processing techniques. Animal Reproduction Science, 2012, 132, 66-73.	1.6	36
47	Boar semen proteomics and sperm preservation. Theriogenology, 2019, 137, 23-29.	2.2	36
48	Oocyte Penetration by Fresh or Stored Diluted Boar Spermatozoa before and after in Vitro Capacitation Treatments1. Biology of Reproduction, 1996, 55, 134-140.	2.7	35
49	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.	3.6	35
50	Does Seminal Plasma PSPâ€I/PSPâ€II Spermadhesin Modulate the Ability of Boar Spermatozoa to Penetrate Homologous Oocytes In Vitro?. Journal of Andrology, 2004, 25, 1004-1012.	1.9	33
51	Cryopreservation Differentially Alters the Proteome of Epididymal and Ejaculated Pig Spermatozoa. International Journal of Molecular Sciences, 2019, 20, 1791.	4.2	33
52	Adjustments in IVF system for individual boars: Value of additives and time of spermâ€“oocyte co-incubation. Theriogenology, 2005, 64, 1783-1796.	2.2	32
53	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.	1.5	32
54	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.	1.3	32

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55	Motility Characteristics and Fertilizing Capacity of Boar Spermatozoa Stained with Hoechst 33342. Reproduction in Domestic Animals, 2002, 37, 369-374.	1.5	31
56	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.	2.2	31
57	Season of ejaculate collection influences the freezability of boar spermatozoa. Cryobiology, 2013, 67, 299-304.	1.3	31
58	Achievements and future perspectives of embryo transfer technology in pigs. Reproduction in Domestic Animals, 2019, 54, 4-13.	1.5	31
59	The nuclear DNA longevity in cryopreserved boar spermatozoa assessed using the Sperm-Sus-Halomax. Theriogenology, 2013, 79, 1294-1300.	2.2	30
60	Non-viable sperm in the ejaculate: Lethal escorts for contemporary viable sperm. Animal Reproduction Science, 2016, 169, 24-31.	1.6	30
61	Influence of storage time on functional capacity of flow cytometrically sex-sorted boar spermatozoa. Theriogenology, 2005, 64, 86-98.	2.2	29
62	Brief coincubation of gametes in porcine in vitro fertilization: Role of sperm:oocyte ratio and post-coincubation medium. Theriogenology, 2007, 67, 620-626.	2.2	29
63	Effects of two combinations of cryoprotectants on the inÂvitro developmental capacity of vitrified immature porcine oocytes. Theriogenology, 2015, 84, 545-552.	2.2	29
64	Effective vitrification and warming of porcine embryos using a pH-stable, chemically defined medium. Scientific Reports, 2016, 6, 33915.	3.5	29
65	Vitrification and warming of in vivoâ€“derived porcine embryos in a chemically defined medium. Theriogenology, 2010, 73, 300-308.	2.2	28
66	Relevance of ovarian follicular development to the seasonal impairment of fertility in weaned sows. Veterinary Journal, 2014, 199, 382-386.	1.8	28
67	Seminal Plasma Modifies the Transcriptional Pattern of the Endometrium and Advances Embryo Development in Pigs. Frontiers in Veterinary Science, 2019, 6, 465.	2.3	28
68	Fluorescence in situ hybridization in diluted and flow cytometrically sorted boar spermatozoa using specific DNA direct probes labelled by nick translation. Reproduction, 2003, 126, 317-325.	2.7	26
69	Influence of sperm:oocyte ratio during in vitro fertilization of in vitro matured cumulus-intact pig oocytes on fertilization parameters and embryo development. Theriogenology, 2004, 61, 551-560.	2.2	26
70	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.	3.5	26
71	The effects of superovulation of donor sows on ovarian response and embryo development after nonsurgical deep-uterine embryo transfer. Theriogenology, 2014, 81, 832-839.	2.2	25
72	In vitro postwarming viability of vitrified porcine embryos: Effect of cryostorage length. Theriogenology, 2010, 74, 486-490.	2.2	24

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73	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.	4.2	24
74	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.	1.5	23
75	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.	2.2	22
76	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	22
77	Effects of Vitrification on the Blastocyst Gene Expression Profile in a Porcine Model. International Journal of Molecular Sciences, 2021, 22, 1222.	4.2	22
78	Generation of human organs in pigs via interspecies blastocyst complementation. Reproduction in Domestic Animals, 2016, 51, 18-24.	1.5	21
79	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.	2.2	21
80	Flow Cytometry Identification of X- and Y-Chromosome-Bearing Goat Spermatozoa. Reproduction in Domestic Animals, 2004, 39, 58-60.	1.5	20
81	Capability of frozenâ€“thawed boar spermatozoa to sustain pre-implantational embryo development. Animal Reproduction Science, 2010, 121, 145-151.	1.6	20
82	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
83	Is boar sperm freezability more intrinsically linked to spermatozoa than to the surrounding seminal plasma?. Animal Reproduction Science, 2018, 195, 30-37.	1.6	20
84	Vitrification of in vitro cultured porcine two-to-four cell embryos. Theriogenology, 2007, 68, 258-264.	2.2	19
85	High pre-freezing sperm dilution improves monospermy without affecting the penetration rate in porcine IVF. Theriogenology, 2019, 131, 162-168.	2.2	19
86	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.	1.5	18
87	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
88	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.	2.2	18
89	Successful laparoscopic insemination with a very low number of flow cytometrically sorted boar sperm in field conditions. Theriogenology, 2014, 81, 315-320.	2.2	17
90	Peroxidized mineral oil increases the oxidant status of culture media and inhibits inÂvitro porcine embryo development. Theriogenology, 2017, 103, 17-23.	2.2	17

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91	Effect of astaxanthin in extenders on sperm quality and functional variables of frozen-thawed boar semen. Animal Reproduction Science, 2020, 218, 106478.	1.6	17
92	Forskolin improves the cryosurvival of in vivo-derived porcine embryos at very early stages using two vitrification methods. Cryobiology, 2013, 66, 144-150.	1.3	16
93	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.	1.6	16
94	Design, development, and application of a non-surgical deep uterine embryo transfer technique in pigs. Animal Frontiers, 2013, 3, 40-47.	1.5	16
95	Post-thaw boar sperm motility is affected by prolonged storage of sperm in liquid nitrogen. A retrospective study. Cryobiology, 2018, 80, 119-125.	1.3	16
96	Simple storage (CO2-free) of porcine morulae for up to three days maintains the inÂvitro viability and developmental competence. Theriogenology, 2018, 108, 229-238.	2.2	15
97	Effects of ultrashort gamete co-incubation time on porcine in vitro fertilization. Animal Reproduction Science, 2008, 106, 393-401.	1.6	14
98	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.	1.5	13
99	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	12
100	Effects of Hoechst 33342 staining and ultraviolet irradiation on the developmental competence of in vitro-matured porcine oocytes. Theriogenology, 2011, 76, 1667-1675.	2.2	12
101	The inÂvitro and inÂvivo developmental capacity of selected porcine monospermic zygotes. Theriogenology, 2013, 79, 392-398.	2.2	12
102	Handling of boar spermatozoa during and after flow cytometric sex-sorting process to improve their inÂvitro fertilizing ability. Theriogenology, 2013, 80, 350-356.	2.2	12
103	Developmental competence of porcine genomeâ€edited zygotes. Molecular Reproduction and Development, 2017, 84, 814-821.	2.0	12
104	Surgical embryo collection but not nonsurgical embryo transfer compromises postintervention prolificacy in sows. Theriogenology, 2017, 87, 316-320.	2.2	12
105	Boar seminal plasma: current insights on its potential role for assisted reproductive technologies in swine. Animal Reproduction, 2020, 17, e20200022.	1.0	12
106	Validation of trans-rectal ultrasonography for counting preovulatory follicles in weaned sows. Animal Reproduction Science, 2009, 113, 137-142.	1.6	11
107	Effects of meiotic inhibitors and gonadotrophins on porcine oocytes in vitro maturation, fertilization and development. Reproduction in Domestic Animals, 2017, 52, 873-880.	1.5	11
108	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	11

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109	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
110	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.	1.5	10
111	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.	1.5	9
112	Extensive dataset of boar seminal plasma proteome displaying putative reproductive functions of identified proteins. Data in Brief, 2016, 8, 1370-1373.	1.1	9
113	Active paraoxonase 1 is synthesised throughout the internal boar genital organs. Reproduction, 2017, 154, 237-243.	2.7	9
114	Intra- and interboar variability in flow cytometric sperm sex sorting. Theriogenology, 2014, 82, 501-508.	2.2	8
115	Prevention of hatching of porcine morulae and blastocysts by liquid storage at 20 Â°C. Scientific Reports, 2019, 9, 6219.	3.5	8
116	The physiological roles of the boar ejaculate. Bioscientifica Proceedings, 0, , .	1.0	8
117	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.	5.2	8
118	Use of polarized light microscopy in porcine reproductive technologies. Theriogenology, 2011, 76, 669-677.	2.2	7
119	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.	1.5	7
120	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
121	Allogeneic Embryos Disregulate Leukemia Inhibitory Factor (LIF) and Its Receptor in the Porcine Endometrium During Implantation. Frontiers in Veterinary Science, 2020, 7, 611598.	2.3	7
122	Vitrification Effects on the Transcriptome of in vivo-Derived Porcine Morulae. Frontiers in Veterinary Science, 2021, 8, 771996.	2.3	6
123	Immunological uterine response to pig embryos before and during implantation. Reproduction in Domestic Animals, 2022, 57, 4-13.	1.5	6
124	The Fertilizing Ability Assessment of Fresh and Stored Boar Semen. Reproduction in Domestic Animals, 1998, 33, 267-270.	1.5	5
125	Quality of chilled and cold-stored (5ÂÂ°C) canine spermatozoa submitted to different rapid cooling rates. Theriogenology, 2014, 82, 621-626.	2.2	5
126	Factors of importance when selecting sows as embryo donors. Animal, 2017, 11, 1330-1335.	3.4	5

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127	Blastocyst-Bearing Sows Display a Dominant Anti-Inflammatory Cytokine Profile Compared to Cyclic Sows at Day 6 of the Cycle. Animals, 2020, 10, 2028.	2.4	5
128	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
129	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.	2.3	5
130	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.	2.2	4
131	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.	2.9	4
132	The Open Cryotop System Is Effective for the Simultaneous Vitrification of a Large Number of Porcine Embryos at Different Developmental Stages. Frontiers in Veterinary Science, 0, 9, .	2.3	4
133	Optimization of protocols for Iberian red deer (C ervus elaphus hispanicus) sperm handling before sex sorting by flow cytometry. Theriogenology, 2017, 92, 129-136.	2.2	3
134	Importance of oil overlay for production of porcine embryos in vitro. Reproduction in Domestic Animals, 2018, 53, 281-286.	1.5	3
135	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.	2.2	3
136	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.	2.2	3
137	The cytokine platelet factor 4 successfully replaces bovine serum albumin for the inÂvitro culture of porcine embryos. Theriogenology, 2020, 148, 201-207.	2.2	3
138	Neither frozenâ€“thawed seminal plasma nor commercial transforming growth factorâ€Î²1 infused intraâ€uutero before insemination improved fertility and prolificacy in sows. Reproduction in Domestic Animals, 2022, 57, 86-89.	1.5	3
139	Exposure of in vitro-matured porcine oocytes to SYBR-14 and fluorescence impairs their developmental capacity. Animal Reproduction Science, 2012, 133, 101-108.	1.6	2
140	Influence of insemination time on the fertility of sex sorted frozen-thawed Y-sperm in red deer. Theriogenology, 2018, 113, 171-175.	2.2	2
141	Transcriptional Profiling of Porcine Blastocysts Produced In Vitro in a Chemically Defined Culture Medium. Animals, 2021, 11, 1414.	2.4	2
142	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.	1.5	1
143	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, , .	1.5	1
144	The Use of a Brief Synchronization Treatment after Weaning, Combined with Superovulation, Has Moderate Effects on the Gene Expression of Surviving Pig Blastocysts. Animals, 2023, 13, 1568.	2.4	1

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145	Current progress in non-surgical embryo transfer with fresh and vitrified/warmed pig embryos. Bioscientifica Proceedings, 0, , .	1.0	0
146	Single layer centrifugation with androcoll-P prior to freezing enhances the in vitro fertilizing ability of frozen-thawed boar spermatozoa. Bioscientifica Proceedings, 0, , .	1.0	0
147	Strategies to improve the fertility of frozen-thawed boar semen for artificial insemination. Bioscientifica Proceedings, 0, , .	1.0	0
148	Optimal characteristics of spermatozoa for semen technologies in pigs. Bioscientifica Proceedings, 0, , .	1.0	0