

# Dagmar Waberski

## List of Publications by Year in descending order

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66  
papers

2,774  
citations

196777

29  
h-index

206121

51  
g-index

68  
all docs

68  
docs citations

68  
times ranked

1731  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of sperm motility in livestock: Perspectives based on sperm swimming conditions in vivo. <i>Animal Reproduction Science</i> , 2022, 246, 106849.	0.5	13
2	Assessment of Chilling Injury in Boar Spermatozoa by Kinematic Patterns and Competitive Sperm-Oviduct Binding In Vitro. <i>Animals</i> , 2022, 12, 712.	1.0	3
3	In vitro performance and in vivo fertility of antibiotic-free preserved boar semen stored at 5°C. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 9.	2.1	20
4	Assessment of chilling injury in hypothermic stored boar spermatozoa by multicolor flow cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2021, 99, 1033-1041.	1.1	11
5	A High Incidence of Sperm with Cytoplasmic Droplets Affects the Response to Bicarbonate in Preserved Boar Semen. <i>Animals</i> , 2021, 11, 2570.	1.0	3
6	Factors influencing the response of spermatozoa to agitation stress: Implications for transport of extended boar semen. <i>Theriogenology</i> , 2021, 175, 54-60.	0.9	13
7	Antimicrobially Active Semen Extenders Allow the Reduction of Antibiotic Use in Pig Insemination. <i>Antibiotics</i> , 2021, 10, 1319.	1.5	10
8	Relevance of <i>Leptospira</i> in boar and for the development of alternative antimicrobial concepts in boar semen preservation. <i>Porcine Health Management</i> , 2020, 6, 31.	0.9	4
9	Tolerance of Stored Boar Spermatozoa to Autologous Seminal Plasma: A Proteomic and Lipidomic Approach. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6474.	1.8	16
10	Determination of a cooling-rate frame for antibiotic-free preservation of boar semen at 5°C. <i>PLoS ONE</i> , 2020, 15, e0234339.	1.1	17
11	The role of seminal plasma in the liquid storage of spermatozoa. <i>Animal Reproduction Science</i> , 2020, 220, 106290.	0.5	22
12	Sperm function in vitro and fertility after antibiotic-free, hypothermic storage of liquid preserved boar semen. <i>Scientific Reports</i> , 2019, 9, 14748.	1.6	50
13	Application of preserved boar semen for artificial insemination: Past, present and future challenges. <i>Theriogenology</i> , 2019, 137, 2-7.	0.9	116
14	New trends in production management in European pig AI centers. <i>Theriogenology</i> , 2019, 137, 88-92.	0.9	26
15	Fluorescent labelling of boar spermatozoa for quantitative studies on competitive sperm-oviduct binding. <i>Reproduction, Fertility and Development</i> , 2019, 31, 1520.	0.1	7
16	In vitro aging of boar spermatozoa: role of sperm proximity and seminal plasma. <i>Andrology</i> , 2019, 7, 382-390.	1.9	13
17	Irradiation of semen doses with LED-based red light in a photo chamber does not improve in vitro quality of thermally stressed boar spermatozoa. <i>Reproduction in Domestic Animals</i> , 2018, 53, 1016-1019.	0.6	9
18	Measuring Male-to-Male Differences in Fertility or Effects of Semen Treatments. <i>Annual Review of Animal Biosciences</i> , 2018, 6, 255-286.	3.6	31

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19	Seminal plasma modulates the immune-cytokine network in the porcine uterine tissue and pre-ovulatory follicles. PLoS ONE, 2018, 13, e0202654.	1.1	23
20	Artificial Insemination in Domestic and Wild Animal Species. , 2018, , 37-64.		2
21	Impact of different dilution techniques on boar sperm quality and sperm distribution of the extended ejaculate. Animal Reproduction Science, 2017, 182, 138-145.	0.5	20
22	Impact of holding and equilibration time on post-thaw quality of shipped boar semen. Animal Reproduction Science, 2017, 187, 109-115.	0.5	9
23	Epigenetic effects of prenatal estradiol-17 $\beta$ exposure on the reproductive system of pigs. Molecular and Cellular Endocrinology, 2016, 430, 125-137.	1.6	11
24	Energy metabolic state in hypothermically stored boar spermatozoa using a revised protocol for efficient ATP extraction. Biology Open, 2016, 5, 1743-1751.	0.6	11
25	Andrology laboratory review: Evaluation of sperm concentration. Theriogenology, 2016, 85, 1507-1527.	0.9	31
26	Liquid storage of boar semen: Current and future perspectives on the use of cationic antimicrobial peptides to replace antibiotics in semen extenders. Theriogenology, 2016, 85, 39-46.	0.9	39
27	Rotation of Boar Semen Doses During Storage Affects Sperm Quality. Reproduction in Domestic Animals, 2015, 50, 684-687.	0.6	32
28	Centrifugation stress reduces the responsiveness of spermatozoa to a capacitation stimulus in in vitro-aged semen. Andrology, 2015, 3, 834-842.	1.9	23
29	Quality Control of Boar Sperm Processing: Implications from European AI Centres and Two Spermatology Reference Laboratories. Reproduction in Domestic Animals, 2015, 50, 1-4.	0.6	31
30	Cluster analysis reveals a binary effect of storage on boar sperm motility function. Reproduction, Fertility and Development, 2014, 26, 623.	0.1	28
31	Computer-assisted sperm analysis (CASA): Capabilities and potential developments. Theriogenology, 2014, 81, 5-17.e3.	0.9	335
32	Influences on semen traits used for selection of young AI boars. Animal Reproduction Science, 2014, 148, 164-170.	0.5	46
33	Temperature management during semen processing: Impact on boar sperm quality under laboratory and field conditions. Theriogenology, 2013, 80, 990-998.	0.9	62
34	The specific response to capacitating stimuli is a sensitive indicator of chilling injury in hypothermically stored boar spermatozoa. Andrology, 2013, 1, 376-386.	1.9	31
35	Response to capacitating stimuli indicates extender-related differences in boar sperm function <sup>12</sup> . Journal of Animal Science, 2013, 91, 5018-5025.	0.2	13
36	The Effect of Resveratrol on the Quality of Extended Boar Semen During Storage at 17 $^{\circ}$ C. Journal of Agricultural Science, 2013, 5, .	0.1	5

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37	Bivalent response to long-term storage in liquid-preserved boar semen: A flow cytometric analysis. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2012, 81A, 576-587.	1.1	29
38	Sperm chromatin structural integrity in normospermic boars is not related to semen storage and fertility after routine AI. <i>Theriogenology</i> , 2011, 75, 337-345.	0.9	30
39	Standardization of computer-assisted semen analysis using an e-learning application. <i>Theriogenology</i> , 2011, 76, 448-454.	0.9	24
40	Assessment of storage effects in liquid preserved boar semen. <i>Reproduction in Domestic Animals</i> , 2011, 46, 45-48.	0.6	40
41	Identifying non-sperm particles during flow cytometric physiological assessment: a simple approach. <i>Theriogenology</i> , 2010, 73, 995-1000.	0.9	114
42	Can external quality control improve pig AI efficiency?. <i>Theriogenology</i> , 2008, 70, 1346-1351.	0.9	34
43	Immunological responses to semen in the female genital tract. <i>Theriogenology</i> , 2008, 70, 1174-1181.	0.9	79
44	Chromatin-unstable boar spermatozoa have little chance of reaching oocytes in vivo. <i>Reproduction</i> , 2008, 135, 461-470.	1.1	50
45	Determinants of sperm quality and fertility in domestic species. <i>Reproduction</i> , 2007, 134, 3-17.	1.1	125
46	Enhanced Binding of Sperm With Superior Volume Regulation to Oviductal Epithelium. <i>Journal of Andrology</i> , 2006, 27, 754-765.	2.0	33
47	Physiological routes from intra-uterine seminal contents to advancement of ovulation. <i>Acta Veterinaria Scandinavica</i> , 2006, 48, 13.	0.5	24
48	Binding of boar spermatozoa to oviductal epithelium in vitro in relation to sperm morphology and storage time. <i>Reproduction</i> , 2006, 131, 311-318.	1.1	45
49	Importance of sperm-binding assays for fertility prognosis of porcine spermatozoa. <i>Theriogenology</i> , 2005, 63, 470-484.	0.9	31
50	Detection of cooling-induced membrane changes in the response of boar sperm to capacitating conditions. <i>Theriogenology</i> , 2005, 63, 2278-2299.	0.9	55
51	Functional significance of responsiveness to capacitating conditions in boar spermatozoa. <i>Theriogenology</i> , 2005, 64, 1766-1782.	0.9	36
52	Function of the mammalian oviductal sperm reservoir. <i>The Journal of Experimental Zoology</i> , 2002, 292, 210-215.	1.4	91
53	Carbohydrate-based interactions of oviductal sperm reservoir formation-studies in the pig. <i>Molecular Reproduction and Development</i> , 2002, 61, 249-257.	1.0	78
54	Kinetic characterization of the changes in protein tyrosine phosphorylation of membranes, cytosolic Ca <sup>2+</sup> concentration and viability in boar sperm populations selected by binding to oviductal epithelial cells. <i>Reproduction</i> , 2001, 122, 469-480.	1.1	84

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55	Selective sperm binding to pig oviductal epithelium in vitro. <i>Reproduction</i> , 2001, 121, 889-896.	1.1	95
56	Selective sperm binding to pig oviductal epithelium in vitro. <i>Reproduction</i> , 2001, 121, 889-96.	1.1	14
57	Identification of embryo paternity using polymorphic DNA markers to assess fertilizing capacity of spermatozoa after heterospermic insemination in boars. <i>Theriogenology</i> , 2000, 53, 1365-1373.	0.9	30
58	Studies on a Local Effect of Boar Seminal Plasma on Ovulation Time in Gilts. <i>Transboundary and Emerging Diseases</i> , 1999, 46, 431-438.	0.6	12
59	LH profile and advancement of ovulation after transcervical infusion of seminal plasma at different stages of oestrus in gilts. <i>Reproduction</i> , 1997, 109, 29-34.	1.1	37
60	Advanced ovulation in gilts by the intrauterine application of a low molecular mass pronase-sensitive fraction of boar seminal plasma. <i>Reproduction</i> , 1995, 105, 247-252.	1.1	51
61	The Onset of Heat after Weaning, Heat Duration, and Ovulation as Major Factors in AI Timing in Sows. <i>Reproduction in Domestic Animals</i> , 1994, 29, 433-443.	0.6	89
62	Fertility of long-term-stored boar semen: Influence of extender (Androhep and Kiev), storage time and plasma droplets in the semen. <i>Animal Reproduction Science</i> , 1994, 36, 145-151.	0.5	96
63	The initial fertilizing capacity of longerm-stored liquid boar semen following pre- and postovulatory insemination. <i>Theriogenology</i> , 1994, 41, 1367-1377.	0.9	48
64	Effect of time of insemination relative to ovulation on fertility with liquid and frozen boar semen. <i>Theriogenology</i> , 1994, 42, 831-840.	0.9	137
65	Advancement of Ovulation in the Sow Related to Seminal Plasma Application before Insemination. <i>Reproduction in Domestic Animals</i> , 1990, 25, 61-67.	0.6	20
66	In vitro storage of boar spermatozoa increases the demand of adenosine triphosphate for reactivation of motility. <i>Andrology</i> , 0, , .	1.9	2