

# Anders Johannisson

## List of Publications by Year in descending order

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158  
papers

5,992  
citations

66336

42  
h-index

98792

67  
g-index

159  
all docs

159  
docs citations

159  
times ranked

4275  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant supplementation in vitro improves boar sperm motility and mitochondrial membrane potential after cryopreservation of different fractions of the ejaculate. <i>Animal Reproduction Science</i> , 2003, 78, 85-98.	1.5	211
2	Subtle membrane changes in cryopreserved bull semen in relation with sperm viability, chromatin structure, and field fertility. <i>Theriogenology</i> , 2003, 60, 743-758.	2.1	200
3	Boar spermatozoa in the oviduct. <i>Theriogenology</i> , 2005, 63, 514-535.	2.1	184
4	Assessment of fresh and frozen-thawed boar semen using an Annexin-V assay: a new method of evaluating sperm membrane integrity. <i>Theriogenology</i> , 2003, 60, 677-689.	2.1	182
5	Flow cytometry for the assessment of animal sperm integrity and functionality: state of the art. <i>Asian Journal of Andrology</i> , 2011, 13, 406-419.	1.6	134
6	Effects of Xenoestrogenic Environmental Pollutants on the Proliferation of a Human Breast Cancer Cell Line (MCF-7). <i>Archives of Environmental Contamination and Toxicology</i> , 1998, 34, 306-310.	4.1	120
7	Assessment of sperm quality through fluorometry and sperm chromatin structure assay in relation to field fertility of frozen-thawed semen from Swedish AI bulls. <i>Theriogenology</i> , 2001, 55, 947-961.	2.1	108
8	Identification of Sperm Morphometric Subpopulations in Two Different Portions of the Boar Ejaculate and Its Relation to Postthaw Quality. <i>Journal of Andrology</i> , 2005, 26, 716-723.	2.0	105
9	The Cell Surface Phenotype of Human Natural Interferon- $\gamma$ Producing Cells as Determined by Flow Cytometry. <i>Scandinavian Journal of Immunology</i> , 1996, 44, 164-172.	2.7	104
10	Dietary zinc oxide in weaned pigs effects on performance, tissue concentrations, morphology, neutrophil functions and faecal microflora. <i>Research in Veterinary Science</i> , 1998, 64, 225-231.	1.9	98
11	Sperm capacitation in the porcine oviduct. <i>Animal Reproduction Science</i> , 2004, 80, 131-146.	1.5	94
12	Use of chromatin stability assay, mitochondrial stain JC-1, and fluorometric assessment of plasma membrane to evaluate frozen-thawed ram semen. <i>Animal Reproduction Science</i> , 2004, 84, 121-133.	1.5	93
13	Colloidal centrifugation with Androcoll-E $\beta$ prolongs stallion sperm motility, viability and chromatin integrity. <i>Animal Reproduction Science</i> , 2009, 116, 119-128.	1.5	88
14	Antioxidant supplementation of boar spermatozoa from different fractions of the ejaculate improves cryopreservation: changes in sperm membrane lipid architecture. <i>Zygote</i> , 2004, 12, 117-124.	1.1	87
15	Analysis of mtDNA Copy Number and Composition of Single Mitochondrial Particles Using Flow Cytometry and PCR. <i>Experimental Cell Research</i> , 2000, 259, 79-85.	2.6	85
16	Effect of cooling rates on post-thaw sperm motility, membrane integrity, capacitation status and fertility of dairy bull semen used for artificial insemination in sweden. <i>Theriogenology</i> , 1999, 52, 641-658.	2.1	83
17	Immune cell counts and risks of respiratory infections among infants exposed pre- and postnatally to organochlorine compounds: a prospective study. <i>Environmental Health</i> , 2008, 7, 62.	4.0	83
18	Assessment of sperm characteristics post-thaw and response to calcium ionophore in relation to fertility in Swedish dairy AI bulls. <i>Theriogenology</i> , 2000, 53, 859-875.	2.1	81

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19	A Missense Mutation in the $\beta$ 2-Integrin Gene (ITGB2) Causes Canine Leukocyte Adhesion Deficiency. <i>Genomics</i> , 1999, 61, 101-107.	2.9	79
20	A new and simple method to evaluate early membrane changes in frozen-thawed boar spermatozoa. <i>Journal of Developmental and Physical Disabilities</i> , 2005, 28, 107-114.	3.6	79
21	Mitochondrial activity of frozen-thawed spermatozoa assessed by MitoTracker Deep Red 633. <i>Theriogenology</i> , 2005, 63, 2311-2322.	2.1	78
22	Sperm viability, reactive oxygen species, and DNA fragmentation index combined can discriminate between above- and below-average fertility bulls. <i>Journal of Dairy Science</i> , 2017, 100, 5824-5836.	3.4	78
23	Morphology and Chromatin Integrity of Stallion Spermatozoa Prepared by Density Gradient and Single Layer Centrifugation Through Silica Colloids. <i>Reproduction in Domestic Animals</i> , 2009, 44, 512-517.	1.4	75
24	Leucocyte adhesion protein deficiency in Irish setter dogs. <i>Veterinary Immunology and Immunopathology</i> , 1992, 32, 261-280.	1.2	74
25	Sperm morphology and chromatin integrity in Swedish warmblood stallions and their relationship to pregnancy rates. <i>Acta Veterinaria Scandinavica</i> , 2008, 50, 2.	1.6	73
26	Usefulness of a triple fluorochrome combination Merocyanine 540/Yo-Pro 1/Hoechst 33342 in assessing membrane stability of viable frozen-thawed spermatozoa from Estonian Holstein AI bulls. <i>Theriogenology</i> , 2006, 65, 1122-1136.	2.1	72
27	Affinities of Early Cambrian acritarchs studied by using microscopy, fluorescence flow cytometry and biomarkers. <i>Review of Palaeobotany and Palynology</i> , 2000, 108, 37-53.	1.5	70
28	Cytokines as Immunological Markers for Systemic Inflammation in Dogs with Pyometra. <i>Reproduction in Domestic Animals</i> , 2012, 47, 337-341.	1.4	67
29	Effect of storage in short- and long-term commercial semen extenders on the motility, plasma membrane and chromatin integrity of boar spermatozoa. <i>Journal of Developmental and Physical Disabilities</i> , 2006, 29, 543-552.	3.6	66
30	Effects of feeding intensity during the dry period on leukocyte and lymphocyte sub-populations, neutrophil function and health in periparturient dairy cows. <i>Veterinary Journal</i> , 2005, 169, 376-384.	1.7	65
31	Differences in SCSA outcome among boars with different sperm freezability. <i>Journal of Developmental and Physical Disabilities</i> , 2006, 29, 583-591.	3.6	65
32	Do different portions of the boar ejaculate vary in their ability to sustain cryopreservation?. <i>Animal Reproduction Science</i> , 2006, 93, 101-113.	1.5	64
33	Exposure to the seminal plasma of different portions of the boar ejaculate modulates the survival of spermatozoa cryopreserved in MiniFlatPacks. <i>Theriogenology</i> , 2009, 71, 662-675.	2.1	63
34	Single-layer centrifugation with Androcoll-E can be scaled up to allow large volumes of stallion ejaculate to be processed easily. <i>Theriogenology</i> , 2009, 72, 879-884.	2.1	63
35	Assessment of PCBs and Hydroxylated PCBs as Potential Xenoestrogens: In Vitro Studies Based on MCF-7 Cell Proliferation and Induction of Vitellogenin in Primary Culture of Rainbow Trout Hepatocytes. <i>Archives of Environmental Contamination and Toxicology</i> , 1999, 37, 145-150.	4.1	62
36	Sperm Quality during Storage Is Not Affected by the Presence of Antibiotics in EquiPlus Semen Extender but Is Improved by Single Layer Centrifugation. <i>Antibiotics</i> , 2018, 7, 1.	3.7	59

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37	Post-thaw evaluation of dog spermatozoa using new triple fluorescent staining and flow cytometry. <i>Theriogenology</i> , 1999, 52, 965-980.	2.1	57
38	Changes in some blood micronutrients, leukocytes and neutrophil expression of adhesion molecules in periparturient dairy cows. <i>Acta Veterinaria Scandinavica</i> , 2001, 42, 139.	1.6	57
39	Phenotype transition of CD4+ T cells from CD45RA to CD45RO is accompanied by cell activation and proliferation. <i>Cytometry</i> , 1995, 19, 343-352.	1.8	56
40	Deep freezing of concentrated boar semen for intra-uterine insemination: effects on sperm viability. <i>Theriogenology</i> , 2005, 63, 1320-1333.	2.1	53
41	Functional Sperm Parameters and Fertility of Bull Semen Extended in Biociphos-PlusR and TriladyLR. <i>Reproduction in Domestic Animals</i> , 2000, 35, 69-77.	1.4	46
42	Cryopreservation of epididymal cat spermatozoa: effects of in vitro antioxidative enzymes supplementation and lipid peroxidation induction. <i>Theriogenology</i> , 2010, 73, 1076-1087.	2.1	45
43	Single layer centrifugation of stallion spermatozoa consistently selects the most robust spermatozoa from the rest of the ejaculate in a large sample size. <i>Equine Veterinary Journal</i> , 2010, 42, 579-585.	1.7	45
44	Processing stored stallion semen doses by Single Layer Centrifugation. <i>Theriogenology</i> , 2011, 76, 1424-1432.	2.1	43
45	Quality of bull spermatozoa after preparation by single-layer centrifugation. <i>Journal of Dairy Science</i> , 2014, 97, 2204-2212.	3.4	43
46	Changes in plasma membrane and acrosome integrity of frozen-thawed bovine spermatozoa during a 4h incubation as measured by multicolor flow cytometry. <i>Animal Reproduction Science</i> , 2004, 80, 225-235.	1.5	42
47	Assessment of the efficacy of Sephadex G-15 filtration of bovine spermatozoa for cryopreservation. <i>Theriogenology</i> , 2005, 63, 160-178.	2.1	41
48	In vitro capacitation of bull spermatozoa by oviductal fluid and its components. <i>Zygote</i> , 2006, 14, 259-273.	1.1	41
49	Innovative drinking water treatment techniques reduce the disinfection-induced oxidative stress and genotoxic activity. <i>Water Research</i> , 2019, 155, 182-192.	11.3	41
50	Effect of Subcutaneous Injection of Ginseng on Cows with Subclinical <i>Staphylococcus aureus</i> Mastitis. <i>Zoonoses and Public Health</i> , 2001, 48, 519-528.	1.4	40
51	Multiplex cytokine analyses in dogs with pyometra suggest involvement of KC-like chemokine in canine bacterial sepsis. <i>Veterinary Immunology and Immunopathology</i> , 2016, 170, 41-46.	1.2	40
52	Influence of age and plasma treatment on neutrophil phagocytosis and CD18 expression in foals. <i>Veterinary Microbiology</i> , 1999, 65, 241-254.	1.9	39
53	Effect of hyaluronan supplementation on boar sperm motility and membrane lipid architecture status after cryopreservation. <i>Theriogenology</i> , 2004, 61, 63-70.	2.1	39
54	Sperm quality in frozen beef and dairy bull semen. <i>Acta Veterinaria Scandinavica</i> , 2018, 60, 41.	1.6	39

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55	Neurological disease and encephalitis in cats experimentally infected with Borna disease virus. <i>Acta Neuropathologica</i> , 1997, 93, 391-401.	7.7	36
56	Sperm chromatin stability in frozen-thawed semen is maintained over age in AI bulls. <i>Theriogenology</i> , 2005, 63, 1752-1763.	2.1	36
57	Neutrophil functions and serum IgG in growing foals. <i>Equine Veterinary Journal</i> , 2010, 33, 676-680.	1.7	36
58	Sperm selection using single layer centrifugation prior to cryopreservation can increase thawed sperm quality in stallions. <i>Equine Veterinary Journal</i> , 2011, 43, 35-41.	1.7	36
59	Influence of aluminium on the immune system—an experimental study on volunteers. <i>BioMetals</i> , 2000, 13, 123-133.	4.1	34
60	Controlled cooling during semen cryopreservation does not induce capacitation of spermatozoa from two portions of the boar ejaculate. <i>Journal of Developmental and Physical Disabilities</i> , 2007, 30, 485-499.	3.6	34
61	Seasonal variation in sperm quality parameters in Swedish red dairy bulls used for artificial insemination. <i>Livestock Science</i> , 2015, 173, 111-118.	1.6	33
62	DNA methylation patterns vary in boar sperm cells with different levels of DNA fragmentation. <i>BMC Genomics</i> , 2019, 20, 897.	2.8	33
63	Colloidal Centrifugation of Stallion Semen: Changes in Sperm Motility, Velocity, and Chromatin Integrity during Storage. <i>Journal of Equine Veterinary Science</i> , 2009, 29, 24-32.	0.9	32
64	Sperm quality variables as indicators of bull fertility may be breed dependent. <i>Animal Reproduction Science</i> , 2017, 185, 42-52.	1.5	32
65	Development of selected faecal microfloras and of phagocytic and killing capacity of neutrophils in young pigs. <i>Veterinary Microbiology</i> , 1997, 54, 287-300.	1.9	31
66	Extracellular cAMP activates molecular signalling pathways associated with sperm capacitation in bovines. <i>Molecular Human Reproduction</i> , 2017, 23, 521-534.	2.8	31
67	Evaluation of cryopreserved stallion semen from Tori and Estonian breeds using CASA and flow cytometry. <i>Animal Reproduction Science</i> , 2003, 76, 205-216.	1.5	30
68	Changes in Peripheral Blood Leucocyte Counts and Subpopulations after Experimental Infection with BVDV and/or <i>Mannheimia haemolytica</i> . <i>Zoonoses and Public Health</i> , 2005, 52, 380-385.	1.4	30
69	The xMAP <sup>®</sup> technique can be used for detection of the inflammatory cytokines IL-1 $\beta$ , IL-6 and TNF- $\alpha$ in bovine samples. <i>Veterinary Immunology and Immunopathology</i> , 2007, 118, 40-49.	1.2	30
70	Detection of early changes in sperm membrane integrity pre-freezing can estimate post-thaw quality of boar spermatozoa. <i>Animal Reproduction Science</i> , 2007, 97, 74-83.	1.5	30
71	Single layer centrifugation (SLC) improves sperm quality of cryopreserved Blanca-Celtib <sup>®</sup> buck semen. <i>Animal Reproduction Science</i> , 2012, 136, 47-54.	1.5	30
72	Sperm chromatin structure and sperm morphology: Their association with fertility in AI-dairy Ayrshire sires. <i>Theriogenology</i> , 2013, 79, 1153-1161.	2.1	30

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73	Oviductal fluid modulates the dynamics of tyrosine phosphorylation in cryopreserved boar spermatozoa during capacitation. <i>Molecular Reproduction and Development</i> , 2012, 79, 525-540.	2.0	29
74	Effect of heterologous and homologous seminal plasma on stallion sperm quality. <i>Theriogenology</i> , 2014, 82, 176-183.	2.1	29
75	Oponic capacity of foal serum for the two neonatal pathogens <i>Escherichia coli</i> and <i>Actinobacillus equuli</i> . <i>Equine Veterinary Journal</i> , 2010, 33, 670-675.	1.7	28
76	Stallion Sperm Viability, as Measured by the Nucleocounter SP-100, Is Affected by Extender and Enhanced by Single Layer Centrifugation. <i>Veterinary Medicine International</i> , 2010, 2010, 1-7.	1.5	28
77	Effects of four trichothecene mycotoxins on activation marker expression and cell proliferation of human lymphocytes in culture. <i>Cell Biology and Toxicology</i> , 1999, 15, 203-215.	5.3	27
78	Single layer centrifugation of stallion spermatozoa improves sperm quality compared with sperm washing. <i>Reproductive BioMedicine Online</i> , 2010, 21, 429-436.	2.4	27
79	Heparin and dermatan sulphate induced capacitation of frozen-thawed bull spermatozoa measured by merocyanine-540. <i>Zygote</i> , 2007, 15, 225-232.	1.1	26
80	Seasonality affects post-thaw plasma membrane intactness and sperm velocities in spermatozoa from Thai AI swamp buffaloes ( <i>Bubalus bubalis</i> ). <i>Theriogenology</i> , 2007, 67, 1424-1435.	2.1	25
81	Quality of boar spermatozoa from the sperm-peak portion of the ejaculate after simplified freezing in MiniFlatpacks compared to the remaining spermatozoa of the sperm-rich fraction. <i>Theriogenology</i> , 2011, 75, 1175-1184.	2.1	25
82	Androcoll-E large selects a subset of live stallion spermatozoa capable of producing ROS. <i>Animal Reproduction Science</i> , 2012, 132, 74-82.	1.5	25
83	Activation markers and cell proliferation as indicators of toxicity: A flow cytometric approach. <i>Cell Biology and Toxicology</i> , 1995, 11, 355-366.	5.3	24
84	Changes in blood and milk lymphocyte sub-populations during acute and chronic phases of <i>Staphylococcus aureus</i> induced bovine mastitis. <i>Research in Veterinary Science</i> , 2006, 80, 147-154.	1.9	24
85	Canine neutrophil adhesion proteins and Fc-receptors in healthy dogs and dogs with adhesion protein deficiency, as studied by flow cytometry. <i>Veterinary Immunology and Immunopathology</i> , 1993, 38, 297-310.	1.2	23
86	The effects of an endurance ride on metabolism and neutrophil function. <i>Equine Veterinary Journal</i> , 1999, 31, 605-609.	1.7	23
87	Simultaneous detection of porcine proinflammatory cytokines using multiplex flow cytometry by the xMAP <sup>®</sup> , <sup>®</sup> technology. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2006, 69A, 391-395.	1.5	23
88	Post-thaw viability of bull AI-doses with low-sperm numbers. <i>Theriogenology</i> , 2007, 68, 934-943.	2.1	23
89	Detection of Lipid Peroxidation Reaction in Frozen-Thawed Epididymal Cat Spermatozoa Using BODIPY <sup>®</sup> C11. <i>Reproduction in Domestic Animals</i> , 2009, 44, 373-376.	1.4	23
90	Reactive oxygen species in stallion semen can be affected by season and colloid centrifugation. <i>Animal Reproduction Science</i> , 2013, 140, 62-69.	1.5	23

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91	Dynamic quantification of intracellular calcium and protein tyrosine phosphorylation in cryopreserved boar spermatozoa during short-time incubation with oviductal fluid. <i>Theriogenology</i> , 2014, 82, 1145-1153.	2.1	23
92	Improved cryosurvival of stallion spermatozoa after colloid centrifugation is independent of the addition of seminal plasma. <i>Cryobiology</i> , 2018, 81, 145-152.	0.7	23
93	Flow Cytometric Analysis of Natural Interferon-alpha Producing Cells. <i>Scandinavian Journal of Immunology</i> , 1991, 34, 565-576.	2.7	22
94	Opsonic effect of equine plasma from different donors. <i>Veterinary Microbiology</i> , 1997, 56, 227-235.	1.9	21
95	Sows intramammarily inoculated with <i>Escherichia coli</i> at parturition: I Functional capacity of granulocytes in sows affected or non-affected by clinical mastitis. <i>Veterinary Immunology and Immunopathology</i> , 2002, 90, 35-44.	1.2	21
96	The Association of the Presence of Seminal Plasma and Its Components with Sperm Longevity in Fractionated Stallion Ejaculates. <i>Reproduction in Domestic Animals</i> , 2011, 46, 1073-1081.	1.4	21
97	Single Layer Centrifugation with Androcoll-P Can Be Scaled-Up to Process Larger Volumes of Boar Semen. <i>ISRN Veterinary Science</i> , 2011, 2011, 1-8.	1.1	20
98	Quantification of kinetic changes in protein tyrosine phosphorylation and cytosolic Ca <sup>2+</sup> concentration in boar spermatozoa during cryopreservation. <i>Reproduction, Fertility and Development</i> , 2012, 24, 531.	0.4	20
99	Restoration of seminal plasma to stallion spermatozoa selected by colloid centrifugation increases sperm progressive motility but is detrimental to chromatin integrity. <i>Theriogenology</i> , 2012, 78, 345-352.	2.1	20
100	Effect of bovine oviductal fluid on motility, tyrosine phosphorylation, and acrosome reaction in cryopreserved bull spermatozoa. <i>Theriogenology</i> , 2019, 124, 48-56.	2.1	20
101	Flt3 ligand induces the outgrowth of Mac-1+B220+ mouse bone marrow progenitor cells restricted to macrophage differentiation that coexpress early B cell-associated genes. <i>Experimental Hematology</i> , 1999, 27, 1646-1654.	0.4	19
102	Differences in lymphocyte subpopulations and cell counts before and after experimentally induced swine dysentery. <i>Journal of Medical Microbiology</i> , 2004, 53, 267-272.	1.8	18
103	Spermatozoa in the sperm-peak-fraction of the boar ejaculate show a lower flow of Ca <sup>2+</sup> under capacitation conditions post-thaw which might account for their higher membrane stability after cryopreservation. <i>Animal Reproduction Science</i> , 2011, 128, 37-44.	1.5	17
104	Micronuclei frequency in circulating erythrocytes from rainbow trout ( <i>Oncorhynchus mykiss</i> ) subjected to radiation, an image analysis and flow cytometric study. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1993, 105, 207-211.	0.2	16
105	Peripheral and intracerebral T cell immune response in cats naturally infected with Borna disease virus. <i>Veterinary Immunology and Immunopathology</i> , 1999, 68, 241-253.	1.2	16
106	Naturally and stimulated levels of reactive oxygen species in cooled stallion semen destined for artificial insemination. <i>Animal</i> , 2014, 8, 1706-1714.	3.3	16
107	Sperm yield after single layer centrifugation with Androcoll-E is related to the potential fertility of the original ejaculate. <i>Theriogenology</i> , 2014, 81, 1005-1011.	2.1	16
108	Effect of sperm preparation on development of bovine blastocyst <i>in vitro</i> . <i>Zygote</i> , 2016, 24, 825-830.	1.1	16

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109	Colloid centrifugation of fresh semen improves post-thaw quality of cryopreserved dromedary camel spermatozoa. <i>Animal Reproduction Science</i> , 2018, 192, 28-34.	1.5	16
110	Expression of adhesion and Fc $\gamma$ 3-receptors on canine blood eosinophils and neutrophils studied by anti-human monoclonal antibodies. <i>Veterinary Immunology and Immunopathology</i> , 1998, 61, 181-193.	1.2	15
111	Studies on the Modulation of Leucocyte Subpopulations and Immunoglobulins following Intramammary Infusion of beta1,3-glucan into the Bovine Udder during the Dry Period. <i>Zoonoses and Public Health</i> , 2000, 47, 373-386.	1.4	14
112	Opsonization of yeast cells with equine iC3b, C3b, and IgG. <i>Veterinary Immunology and Immunopathology</i> , 2001, 80, 209-223.	1.2	14
113	Bacterial kidney disease as a model for studies of cell mediated immunity in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Fish and Shellfish Immunology</i> , 2003, 14, 347-362.	3.6	14
114	Early pre-pubertal exposure to low-dose oral di(2-ethylhexyl) phthalate does not affect sperm plasma membrane stability, acrosomal integrity or chromatin structure in the post-pubertal boar. <i>Theriogenology</i> , 2007, 68, 186-195.	2.1	14
115	Adding bovine seminal plasma prior to freezing improves post-thaw bull sperm kinematics but decreases mitochondrial activity. <i>Systems Biology in Reproductive Medicine</i> , 2018, 64, 183-190.	2.1	14
116	Monoclonal antibodies to lymphocytes of rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Fish and Shellfish Immunology</i> , 2003, 14, 239-257.	3.6	13
117	Seasonal Variation in Nuclear DNA Integrity of Frozen/Thawed Spermatozoa from Thai AI Swamp Buffaloes ( <i>Bubalus bubalis</i> ). <i>Transboundary and Emerging Diseases</i> , 2007, 54, 377-383.	0.6	13
118	Macrocephaly in Bull Spermatozoa Is Associated with Nuclear Vacuoles, Diploidy and Alteration of Chromatin Condensation. <i>Cytogenetic and Genome Research</i> , 2009, 126, 202-209.	1.1	13
119	Immunological alterations during the clinical and recovery phases of experimental swine dysentery. <i>Journal of Medical Microbiology</i> , 2006, 55, 845-855.	1.8	12
120	Canine Herpesvirus During Pregnancy and Non-Pregnant Luteal Phase. <i>Reproduction in Domestic Animals</i> , 2012, 47, 362-365.	1.4	12
121	Title is missing!. <i>Euphytica</i> , 1998, 101, 293-299.	1.2	11
122	The effect of oviductal fluid on protein tyrosine phosphorylation in cryopreserved boar spermatozoa differs with the freezing method. <i>Theriogenology</i> , 2012, 77, 588-599.	2.1	11
123	The tolerance of feline corpus and cauda spermatozoa to cryostress. <i>Theriogenology</i> , 2016, 85, 502-508.	2.1	11
124	Insulin-like growth factors I and II induce cell death in Wilms's tumour cells. <i>Journal of Clinical Pathology</i> , 2001, 54, 30-35.	1.9	10
125	Commercially available antibodies to human tumour necrosis factor-alpha tested for cross-reactivity with ovine and bovine tumour necrosis factor-alpha using flow cytometric assays. <i>Acta Veterinaria Scandinavica</i> , 2004, 45, 99.	1.6	10
126	Bronchial Microdialysis of Cytokines in the Epithelial Lining Fluid in Experimental Intestinal Ischemia and Reperfusion Before Onset of Manifest Lung Injury. <i>Shock</i> , 2010, 34, 517-524.	2.1	10



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127	Plasma aldosterone concentration and cardiovascular response to low sodium intake in horses in training. <i>Equine Veterinary Journal</i> , 2010, 42, 329-334.	1.7	10
128	Effect of Osmolarity and Density of Colloid Formulations on the Outcome of SLC-Selection of Stallion Spermatozoa. <i>ISRN Veterinary Science</i> , 2011, 2011, 1-5.	1.1	10
129	The Effect of Boar Seminal Plasma on the Release of Prostaglandins and Interleukin-6 by Porcine Endometrial and Cervical Cells and Bovine Endometrial Cells. <i>Reproduction in Domestic Animals</i> , 2012, 47, 113-124.	1.4	10
130	Osmotic tolerance of feline epididymal spermatozoa. <i>Animal Reproduction Science</i> , 2017, 185, 148-153.	1.5	10
131	Inflammatory changes during canine pregnancy. <i>Theriogenology</i> , 2019, 125, 285-292.	2.1	10
132	Attempts to use the HPRT-assay as an automated short-term monitor for an acute exposure to mutagens. <i>Cell Biology and Toxicology</i> , 1992, 8, 233-253.	5.3	9
133	Changes in Bull Sperm Kinematics after Single Layer Centrifugation. <i>Reproduction in Domestic Animals</i> , 2014, 49, 954-956.	1.4	9
134	Effect of prostatic fluid on the quality of fresh and frozen-thawed canine epididymal spermatozoa. <i>Theriogenology</i> , 2014, 82, 1206-1211.	2.1	9
135	Cryopreservation of dog semen in a Tris extender with two different 1% soybean preparations compared with a Tris egg yolk extender. <i>Veterinary Medicine and Science</i> , 2021, 7, 812-819.	1.6	9
136	Upregulation of CRISP3 and kallikrein in stallion seminal plasma is associated with poor tolerance of cooled storage. <i>Reproduction in Domestic Animals</i> , 2020, 55, 496-502.	1.4	9
137	Single Layer Centrifugation with 20% or 30% Percicoll separates the majority of spermatozoa from a sample without adversely affecting sperm quality. <i>Reproduction in Domestic Animals</i> , 2020, 55, 1337-1342.	1.4	8
138	Differential Particle Uptake by Larvae of Three Mosquito Species (Diptera: Culicidae). <i>Journal of Medical Entomology</i> , 1993, 30, 537-543.	1.8	7
139	Methods for Evaluation of the Adhesive and Phagocytic Capacities of Porcine Granulocytes. <i>Zoonoses and Public Health</i> , 1994, 41, 625-638.	1.4	7
140	Season does not have a deleterious effect on proportions of stallion seminal plasma proteins. <i>Journal of Reproduction and Development</i> , 2020, 66, 215-221.	1.4	7
141	Single Layer Centrifugation of Stallion Spermatozoa through Androcoll <sup>®</sup> does not Adversely Affect their Capacitation-Like Status, as Measured by CTC Staining. <i>Reproduction in Domestic Animals</i> , 2011, 46, e74-8.	1.4	6
142	Effects of season and single layer centrifugation on bull sperm quality in Thailand. <i>Asian-Australasian Journal of Animal Sciences</i> , 2020, 33, 1411-1420.	2.4	6
143	Effects of exposure of pre-pubertal boars to di(2-ethylhexyl) phthalate on their frozen-thawed sperm viability post-puberty. <i>Andrologia</i> , 2006, 38, 186-194.	2.1	5
144	Leucocyte phagocytosis during the luteal phase in bitches. <i>Veterinary Immunology and Immunopathology</i> , 2013, 153, 77-82.	1.2	5

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145	Granulocyte function in dogs experimentally infected with a Swedish granulocytic Ehrlichia species. <i>Veterinary Immunology and Immunopathology</i> , 1999, 67, 141-152.	1.2	4
146	Effect of Different Extenders and Seminal Plasma on the Susceptibility of Equine Spermatozoa to Lipid Peroxidation After Single-Layer Centrifugation, Through Androcoll-E. <i>Journal of Equine Veterinary Science</i> , 2011, 31, 411-416.	0.9	4
147	Comparison of the Effect of Heterologous and Homologous Seminal Plasma on Motility and Chromatin Integrity of Stallion Spermatozoa Selected by Single Layer Centrifugation. <i>Journal of Veterinary Medicine</i> , 2014, 2014, 1-6.	1.6	4
148	Matrix metalloproteinase (MMP)-2, MMP-9, semen quality and sperm longevity in fractionated stallion semen. <i>Theriogenology</i> , 2021, 164, 93-99.	2.1	4
149	Heparin-binding proteins from boar seminal plasma affecting the release of prostaglandins and interleukin-6 by porcine endometrial and cervical cells and bovine endometrial cells. <i>Natural Science</i> , 2013, 05, 21-30.	0.4	4
150	Effects of <i>Actinobacillus equuli</i> Culture Supernatants on Equine Neutrophil Functions and Survival. <i>Zoonoses and Public Health</i> , 1999, 46, 595-602.	1.4	2
151	Effect of adding heterologous versus homologous bovine seminal plasma prior to cryopreservation on bull sperm quality after thawing. <i>Zygote</i> , 2018, 26, 388-394.	1.1	2
152	Variation among stallions in sperm quality after single layer centrifugation. <i>Reproduction in Domestic Animals</i> , 2021, 56, 848-856.	1.4	2
153	Post-thaw semen quality in young bull ejaculates before being accepted for commercial semen doses. <i>Veterinary Record</i> , 2022, , e1386.	0.3	2
154	The Toxicity of Organoarsenic-Based Warfare Agents: In Vitro and In Vivo Studies. <i>Archives of Environmental Contamination and Toxicology</i> , 1996, 30, 213-219.	4.1	2
155	Characterization and enumeration of spontaneously proliferating human leucocytes by multiparameter flow cytometry. <i>Cell Proliferation</i> , 1993, 26, 317-326.	5.3	1
156	Flow-cytometric identification and follow-up of mice exposed to x-irradiation: Evaluation of a model system. <i>Radiation and Environmental Biophysics</i> , 1995, 34, 161-168.	1.4	1
157	Expression of four canine leukocyte adhesion factors in fresh and stored whole blood samples evaluated using a no-lyse, no-wash method. <i>Veterinary Immunology and Immunopathology</i> , 2011, 139, 271-276.	1.2	1
158	Comparison of single layer centrifugation and magnetic activated cell sorting for selecting viable boar spermatozoa after thawing. <i>Livestock Science</i> , 2022, 257, 104853.	1.6	1