

Anders Johannisson

List of Publications by Year in descending order

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158
papers

5,992
citations

66343

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98798

67
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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- γ 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 β 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 β 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 [®] technique can be used for detection of the inflammatory cytokines IL-1 β , IL-6 and TNF- α 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 [®] 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 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 [®] 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 ^{581/591} 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 ²⁺ 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 ²⁺ 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 γ 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 |
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