Geert Opsomer

List of Publications by Year
in descending order

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40 papers	864 citations	623574 14 h-index	477173 29 g-index
41 all docs	41 docs citations	41 times ranked	1087 citing authors

#	Article	IF	Citations
1	Insulin Resistance in Dairy Cows. Veterinary Clinics of North America - Food Animal Practice, 2013, 29, 299-322.	0.5	264
2	Chemiluminescence of bovine polymorphonuclear leucocytes during the periparturient period and relation with metabolic markers and bovine pregnancy-associated glycoprotein. Journal of Dairy Research, 2000, 67, 249-259.	0.7	80
3	Effect of Antimicrobial Consumption and Production Type on Antibacterial Resistance in the Bovine Respiratory and Digestive Tract. PLoS ONE, 2016, 11, e0146488.	1.1	74
4	Reproductive management in dairy cows - the future. Irish Veterinary Journal, 2018, 71, 1.	0.8	74
5	Age at calving in heifers and level of milk production during gestation in cows are associated with the birth size of Holstein calves. Journal of Dairy Science, 2014, 97, 5448-5458.	1.4	53
6	Metabolic Stress in the Transition Period of Dairy Cows: Focusing on the Prepartum Period. Animals, 2020, 10, 1419.	1.0	40
7	Comparison between cytology and histopathology to evaluate subclinical endometritis in dairy cows. Theriogenology, 2016, 86, 1550-1556.	0.9	36
8	The Composition of the Microbiota in the Full-Term Fetal Gut and Amniotic Fluid: A Bovine Cesarean Section Study. Frontiers in Microbiology, 2021, 12, 626421.	1.5	25
9	Digital dermatitis in cattle is associated with an excessive innate immune response triggered by the keratinocytes. BMC Veterinary Research, 2013, 9, 193.	0.7	23
10	Feeding soybean meal increases the blood level of isoflavones and reduces the steroidogenic capacity in bovine corpora lutea, without affecting peripheral progesterone concentrations. Animal Reproduction Science, 2014, 144, 79-89.	0.5	21
11	Non-invasive indicators associated with the milk yield response after anthelmintic treatment at calving in dairy cows. BMC Veterinary Research, 2014, 10, 264.	0.7	19
12	Between- and within-herd variation in blood and milk biomarkers in Holstein cows in early lactation. Animal, 2020, 14, 1067-1075.	1.3	17
13	Flow cytometric assessment of myeloperoxidase in bovine blood neutrophils and monocytes. Journal of Dairy Science, 2017, 100, 7638-7647.	1.4	16
14	Maladaptation to the transition period and consequences on fertility of dairy cows. Reproduction in Domestic Animals, 2022, 57, 21-32.	0.6	15
15	Quantifying bovine insulin: conversion of units. Veterinary Clinical Pathology, 2012, 41, 308-310.	0.3	14
16	Development of a method for isolating bovine colostrum mononuclear leukocytes for phenotyping and functional studies. Veterinary Journal, 2014, 200, 294-298.	0.6	12
17	Maternal colostral leukocytes appear to enhance cell-mediated recall response, but inhibit humoral recall response in primeâ€“boost vaccinated calves. Journal of Reproductive Immunology, 2016, 113, 68-75.	0.8	10
18	The Importance of the Periconception Period: Immediate Effects in Cattle Breeding and in Assisted Reproduction Such as Artificial Insemination and Embryo Transfer. Advances in Experimental Medicine and Biology, 2017, 1014, 41-68.	0.8	9

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19	Primary replication and invasion of the bovine gammaherpesvirus BoHV-4 in the genital mucosae. Veterinary Research, 2017, 48, 83.	1.1	6
20	Neutrophil extracellular traps in cattle health and disease. Research in Veterinary Science, 2021, 139, 4-10.	0.9	6
21	Holding immature bovine oocytes in a commercial embryo holding medium: High developmental competence for up to 10Âh at room temperature. Theriogenology, 2018, 107, 63-69.	0.9	5
22	Serum biochemical profile in Holstein Friesian and Belgian blue calves in the first 48â€‰hours of life. Italian Journal of Animal Science, 2019, 18, 657-662.	0.8	5
23	Quantitative and functional dynamics of circulating and endometrial polymorphonuclear leukocytes in healthy peripartum dairy cows. Theriogenology, 2022, 178, 50-59.	0.9	5
24	Topographic Distribution of the Different Cell Types, Connective Tissue and Vascular Tissue/Lumina Within a Functional Bovine Corpus Luteum and its Association with Breed, Type of Fixation Protocol and Stage During the Cycle. Reproduction in Domestic Animals, 2013, 48, 627-635.	0.6	4
25	Gammaherpesvirus BoHV-4 infects bovine respiratory epithelial cells mainly at the basolateral side. Veterinary Research, 2019, 50, 11.	1.1	4
26	Presence of gammaherpesvirus BoHV-4 in endometrial cytology samples is not associated with subclinical endometritis diagnosed at artificial insemination in dairy cows. Veterinary Microbiology, 2019, 229, 130-137.	0.8	4
27	Flow Cytometric Assessment of the Viability and Functionality of Uterine Polymorphonuclear Leukocytes in Postpartum Dairy Cows. Animals, 2021, 11, 1081.	1.0	4
28	Validation of a deep learning-based image analysis system to diagnose subclinical endometritis in dairy cows. PLoS ONE, 2022, 17, e0263409.	1.1	4
29	Genome-wide association for metabolic clusters in early-lactation Holstein dairy cows. Journal of Dairy Science, 2020, 103, 6392-6406.	1.4	3
30	Modification of the Standard 7-Day Ovsynch Protocol to Increase the Luteolytic and Synchronization Risks in Dairy Cows. Macedonian Veterinary Review, 2020, 43, 161-167.	0.2	3
31	A Field Study to Unravel Factors that are Significantly Associated with the Secretory Activity of the Corpus Luteum During the First Three Postpartum Cycles in High Yielding Dairy Cows, Based on the Amount of Steroidogenic and Endothelial Cells Present in the Luteal Tissue. Reproduction in Domestic Animals, 2014, 49, 881-893.	0.6	2
32	Treatment protocols and management of retained fetal membranes in cattle by rural practitioners in Belgium. Preventive Veterinary Medicine, 2021, 188, 105267.	0.7	2
33	Preface. Preventive Veterinary Medicine, 2012, 103, 247.	0.7	1
34	Macroscopic evaluation of the placenta of the alpaca (Vicugna pacos). Reproduction in Domestic Animals, 2019, 54, 996-1002.	0.6	1
35	Effects of dietary starch content and body condition score at calving on reproductive parameters in Holstein dairy cows. Preventive Veterinary Medicine, 2021, 196, 105488.	0.7	1
36	The effect of season of birth on the morphometrics of newborn Belgian Blue calves. Tropical Animal Health and Production, 2022, 54, 76.	0.5	1

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37	In Vitro Production of Neutrophils Extracellular Traps Is Affected by the Lactational Stage of Dairy Cows. Animals, 2022, 12, 564.	1.0	1
38	Crossbreeding effect of double-muscled cattle on in vitro embryo development and quality. Reproductive Biology, 2020, 20, 288-292.	0.9	0
39	The impact of elective caesarean section on colostrum characteristics in double-muscled Belgian Blue cows. Theriogenology, 2021, 167, 120-125.	0.9	0
40	Comparison of PUFA Profiles in the Blood and in Follicular Fluid and its Association with Follicular Dynamics after PGF_{2Î±} Induced Luteolysis in Dairy Cows. Macedonian Veterinary Review, 2016, 39, 175-183.	0.2	0