R Kasimanickam, Ramanathan K Kasim

List of Publications by Year
in descending order

88 papers	2,366 citations	236833 25 h-index	233338 45 g-index
88 all docs	88 docs citations	88 times ranked	2025 citing authors

#	Article	IF	Citations
1	Endometrial cytology and ultrasonography for the detection of subclinical endometritis in postpartum dairy cows. Theriogenology, 2004, 62, 9-23.	0.9	456
2	A comparison of the cytobrush and uterine lavage techniques to evaluate endometrial cytology in clinically normal postpartum dairy cows. Canadian Veterinary Journal, 2005, 46, 255-9.	0.0	118
3	The effect of a single administration of cephapirin or cloprostenol on the reproductive performance of dairy cows with subclinical endometritis. Theriogenology, 2005, 63, 818-830.	0.9	114
4	Association of classical semen parameters, sperm DNA fragmentation index, lipid peroxidation and antioxidant enzymatic activity of semen in ram-lambs. Theriogenology, 2006, 65, 1407-1421.	0.9	77
5	Associations among serum pro- and anti-inflammatory cytokines, metabolic mediators, body condition, and uterine disease in postpartum dairy cows. Reproductive Biology and Endocrinology, 2013, 11, 103.	1.4	76
6	Relationships among lipid peroxidation, glutathione peroxidase, superoxide dismutase, sperm parameters, and competitive index in dairy bulls. Theriogenology, 2007, 67, 1004-1012.	0.9	68
7	Mucin 1 and cytokines mRNA in endometrium of dairy cows with postpartum uterine disease or repeat breeding. Theriogenology, 2014, 81, 952-958.e2.	0.9	57
8	Association of CRISP2, CCT8, PEBP1 mRNA abundance in sperm and sire conception rate in Holstein bulls. Theriogenology, 2011, 76, 570-577.	0.9	54
9	Association between mRNA abundance of functional sperm function proteins and fertility of Holstein bulls. Theriogenology, 2012, 78, 2007-2019.e2.	0.9	53
10	Two doses of prostaglandin improve pregnancy rates to timed-AI in a 5-day progesterone-based synchronization protocol in beef cows. Theriogenology, 2009, 71, 762-767.	0.9	52
11	Sperm and seminal plasma proteomics of high- versus low-fertility Holstein bulls. Theriogenology, 2019, 126, 41-48.	0.9	48
12	Prevention and treatment of biofilms by hybrid- and nanotechnologies. International Journal of Nanomedicine, 2013, 8, 2809.	3.3	47
13	Effect of breed and sperm concentration on the changes in structural, functional and motility parameters of ram-lamb spermatozoa during storage at 4Â°C. Animal Reproduction Science, 2007, 101, 60-73.	0.5	46
14	Breed differences in competitive indices of Holstein and Jersey bulls and their association with sperm DNA fragmentation index and plasma membrane integrity. Theriogenology, 2006, 66, 1307-1315.	0.9	42
15	Effect of reproductive tract scoring on reproductive efficiency in beef heifers bred by timed insemination and natural service versus only natural service. Theriogenology, 2014, 81, 918-924.	0.9	41
16	Associations of adiponectin and fertility estimates in Holstein bulls. Theriogenology, 2013, 79, 766-777.e3.	0.9	40
17	Factors associated with the rectal temperature of Holstein dairy cows during the first 10 days in milk. Journal of Dairy Science, 2011, 94, 1864-1872.	1.4	39
18	Prevention of lethal experimental infection of C57BL/6 mice by vaccination with Brucella abortus strain RB51 expressing Neospora caninum antigens. International Journal for Parasitology, 2007, 37, 1521-1529.	1.3	35

#	Article	IF	Citations
19	Fertility in Angus cross beef cows following 5-day CO-Synch + CIDR or 7-day CO-Synch + CIDR estrus synchronization and timed artificial insemination. Theriogenology, 2013, 80, 963-969.	0.9	35
20	Fertility following fixed-time AI or insemination at observed estrus in Ovsynch and Heatsynch programs in lactating dairy cows. Theriogenology, 2005, 63, 2550-2559.	0.9	34
21	Antibacterial efficacy of core-shell nanostructures encapsulating gentamicin against an in vivo intracellular Salmonella model. International Journal of Nanomedicine, 2009, 4, 289.	3.3	33
22	Effect of semen extenders on sperm parameters of ram semen during liquid storage at 4Â°C. Small Ruminant Research, 2011, 99, 208-213.	0.6	31
23	Influence of Temperament Score and Handling Facility on Stress, Reproductive Hormone Concentrations, and Fixed Time <scp>AI</scp> Pregnancy Rates in Beef Heifers. Reproduction in Domestic Animals, 2014, 49, 775-782.	0.6	31
24	Effect of the first GnRH and two doses of PGF2Î± in a 5-day progesterone-based CO-Synch protocol on heifer pregnancy. Theriogenology, 2014, 81, 797-804.	0.9	31
25	Fixed-time AI pregnancy rate following insemination with frozen-thawed or fresh-extended semen in progesterone supplemented CO-Synch protocol in beef cows. Theriogenology, 2009, 71, 1180-1185.	0.9	29
26	Dysregulated microRNA Clusters in Response to Retinoic Acid and CYP26B1 Inhibitor Induced Testicular Function in Dogs. PLoS ONE, 2014, 9, e99433.	1.1	27
27	Artificial insemination at 56 h after intravaginal progesterone device removal improved AI pregnancy rate in beef heifers synchronized with five-day CO-Synch + controlled internal drug release (CIDR) protocol. Theriogenology, 2012, 77, 1624-1631.	0.9	26
28	Nanomedicine for intracellular therapy. FEMS Microbiology Letters, 2012, 332, 1-9.	0.7	26
29	Tocopherol induced angiogenesis in placental vascular network in late pregnant ewes. Reproductive Biology and Endocrinology, 2010, 8, 86.	1.4	24
30	Differential expression of microRNAs in sexually immature and mature canine testes. Theriogenology, 2015, 83, 394-398.e1.	0.9	24
31	Antibiotics Use in Food Animal Production: Escalation of Antimicrobial Resistance: Where Are We Now in Combating AMR?. Medical Sciences (Basel, Switzerland), 2021, 9, 14.	1.3	24
32	Chronology of early embryonic development and embryo uterine migration in alpacas. Theriogenology, 2013, 79, 702-708.	0.9	23
33	Flunixin meglumine improves pregnancy rate in embryo recipient beef cows with an excitable temperament. Theriogenology, 2018, 107, 70-77.	0.9	23
34	Calm Temperament Improves Reproductive Performance of Beef Cows. Reproduction in Domestic Animals, 2014, 49, 1063-1067.	0.6	22
35	Effect of presence of clinical and subclinical endometritis at the initiation of Presynchâ€“Ovsynch program on the first service pregnancy in dairy cows. Animal Reproduction Science, 2006, 95, 214-223.	0.5	21
36	Effect of timing of prostaglandin administration, controlled internal drug release removal and gonadotropin releasing hormone administration on pregnancy rate in fixed-time AI protocols in crossbred Angus cows. Theriogenology, 2006, 66, 166-172.	0.9	20

#	Article	IF	Citations
37	Effect of time from estrus to AI on pregnancy rates in estrous synchronized beef heifers. Animal Reproduction Science, 2011, 127, 1-6.	0.5	20
38	Effects of one versus two doses of prostaglandin F2alpha on AI pregnancy rates in a 5-day, progesterone-based, CO-Synch protocol in crossbred beef heifers. Theriogenology, 2011, 75, 1536-1542.	0.9	20
39	Presynchronization with GnRH 7 days prior to resynchronization with CO-Synch did not improve pregnancy rate in lactating dairy cows. Theriogenology, 2011, 76, 1036-1041.	0.9	19
40	Effect of extenders on sperm mitochondrial membrane, plasma membrane and sperm kinetics during liquid storage of canine semen at 5Â°C. Animal Reproduction Science, 2012, 136, 139-145.	0.5	17
41	A field study of the effects of a monovalent Leptospira borgpetersenii serovar Hardjo strain hardjobovis vaccine administered with oxytetracycline on reproductive performance in beef cattle. Journal of the American Veterinary Medical Association, 2007, 231, 1709-1714.	0.2	15
42	Injectable or transdermal flunixin meglumine improves pregnancy rates in embryo transfer recipient beef cows without altering returns to estrus. Theriogenology, 2019, 140, 8-17.	0.9	15
43	In Vitro Trafficking and Efficacy of Core-Shell Nanostructures for Treating Intracellular Salmonella Infections. Antimicrobial Agents and Chemotherapy, 2009, 53, 3985-3988.	1.4	14
44	Relationship among circulating anti-MÃ¼llerian hormone, insulin like growth factor 1, cadmium and superovulatory response in dairy cows. Theriogenology, 2017, 100, 72-79.	0.9	14
45	Effect of timing of second prostaglandin F2Î± administration in a 5-day, progesterone-based CO-Synch protocol on AI pregnancy rates in beef cows. Theriogenology, 2010, 74, 1002-1009.	0.9	13
46	Impact of delayed insemination on pregnancy rates to gender selected semen in a fixed-time AI system. Theriogenology, 2017, 102, 154-161.	0.9	13
47	Impact of heat stress on embryonic development during first 16Âdays of gestation in dairy cows. Scientific Reports, 2021, 11, 14839.	1.6	13
48	Efficacy of Amphiphilic Core-Shell Nanostructures Encapsulating Gentamicin in an In Vitro Salmonella and Listeria Intracellular Infection Model. Antimicrobial Agents and Chemotherapy, 2010, 54, 3524-3526.	1.4	12
49	Fertility after implementation of long- and short-term progesterone-based ovulation synchronization protocols for fixed-time artificial insemination in beef heifers. Theriogenology, 2015, 83, 1226-1232.	0.9	12
50	Use of Somatic Cell Nuclear Transfer to Study Meiosis in Female Cattle Carrying A Sex-Dependent Fertility-Impairing X-Chromosome Abnormality. Cloning and Stem Cells, 2007, 9, 118-129.	2.6	11
51	Effect of tocopherol supplementation on serum 8-epi-prostaglandin F2 alpha and adiponectin concentrations, and mRNA expression of PPARÎ³ and related genes in ovine placenta and uterus. Theriogenology, 2011, 76, 482-491.	0.9	11
52	Detection of genes encoding multidrug resistance and biofilm virulence factor in uterine pathogenic bacteria inÂpostpartum dairy cows. Theriogenology, 2016, 85, 173-179.	0.9	11
53	Effect of Sire Fertility and Timing of Artificial Insemination in a Presynch + Ovsynch Protocol on First-Service Pregnancy Rates. Journal of Dairy Science, 2006, 89, 2473-2478.	1.4	10
54	Effect of tocopherol supplementation during last trimester of pregnancy on mRNA abundances of interleukins and angiogenesis in ovine placenta and uterus. Reproductive Biology and Endocrinology, 2012, 10, 4.	1.4	10

#	Article	IF	Citations
55	Retinoic acid signaling biomarkers after treatment with retinoic acid andÂretinoic acid receptor alpha antagonist (Ro 41-5253) in canine testis: An inÂvitro organ culture study. Theriogenology, 2013, 79, 10-16.	0.9	10
56	Cyclicity, estrus expression and pregnancy rates in beef heifers with different reproductive tract scores following progesterone supplementation. Theriogenology, 2020, 145, 39-47.	0.9	10
57	Estrous synchronization strategies to optimize beef heifer reproductive performance after reproductive tract scoring. Theriogenology, 2016, 86, 831-838.	0.9	9
58	Predictors of beef calf temperament at weaning and its impact on temperament at breeding and reproductive performance. Reproduction in Domestic Animals, 2018, 53, 484-494.	0.6	9
59	Endometrial expression of various genes (ISGs, PPARs, RXRs and MUC1) on day 16 post-ovulation in repeat breeder cows, with or without subclinical endometritis. Theriogenology, 2020, 142, 251-259.	0.9	9
60	Exogenous Retinoic Acid and Cytochrome P450 26B1 Inhibitor Modulate Meiosisâ€Associated Genes Expression in Canine Testis, an In Vitro Model. Reproduction in Domestic Animals, 2014, 49, 315-323.	0.6	8
61	Subclinical Pregnancy Toxemia-Induced Gene Expression Changes in Ovine Placenta and Uterus. Frontiers in Veterinary Science, 2016, 3, 69.	0.9	8
62	Fertility after two doses of PGF2Î± concurrently or at 6-hour interval on the day of CIDR removal in 5-day CO-Synch progesterone-based synchronization protocols in beef heifers. Theriogenology, 2016, 86, 785-790.	0.9	8
63	Patterns of expression of sperm and seminal plasma microRNAs in boar semen. Theriogenology, 2019, 125, 87-92.	0.9	8
64	Metabolic biomarkers, body condition, uterine inflammation and response to superovulation in lactating Holstein cows. Theriogenology, 2020, 146, 71-79.	0.9	8
65	Immunolocalization of retinoic acid receptor-alpha, -beta, and -gamma, in bovine and canine sperm. Theriogenology, 2013, 79, 1010-1018.	0.9	7
66	Surveillance, response systems, and evidence updates on emerging zoonoses: the role of one health. Infection Ecology and Epidemiology, 2013, 3, 21386.	0.5	7
67	IFNT, ISGs, PPARs, RXRs and MUC1 in day 16 embryo and endometrium of repeat-breeder cows, with or without subclinical endometritis. Theriogenology, 2020, 158, 39-49.	0.9	7
68	Day 7 embryo quality and suboptimal uterine environment influence morphometry of Day 16 conceptus in dairy cows. Theriogenology, 2021, 163, 10-17.	0.9	7
69	Sire effect on the pregnancy outcome in beef cows synchronized with progesterone based Ovsynch and CO-Synch protocols. Animal Reproduction Science, 2008, 104, 1-8.	0.5	6
70	mRNA Expressions of Candidate Genes in Gestational Day 16 Conceptus and Corresponding Endometrium in Repeat Breeder Dairy Cows with Suboptimal Uterine Environment Following Transfer of Different Quality Day 7 Embryos. Animals, 2021, 11, 1092.	1.0	5
71	Pregnancy Rates in Angus Cross Beef Cows Bred at Observed Oestrus With or Without Second GnRH Administration in Fixedâ€Time Progesteroneâ€Supplemented Ovsynch and COâ€Synch Protocols. Reproduction in Domestic Animals, 2010, 45, 487-492.	0.6	4
72	Comparison of the effect of a CIDR-Select Synch versus a long-term CIDR based AI protocol on reproductive performance in multiparous dairy cows in Swiss dairy farms. Reproductive Biology and Endocrinology, 2011, 9, 151.	1.4	4

#	Article	IF	Citations
73	Fertility of Angus cross beef heifers after Gn<scp>RH</scp> treatment on day 23 and timing of insemination in 14â€day <scp>CIDR</scp> protocol. Reproduction in Domestic Animals, 2017, 52, 122-129.	0.6	4
74	Aggressive attempted escape behavior during head-lock restraint reduced reproductive performances in Holstein heifers. Theriogenology, 2018, 121, 147-152.	0.9	4
75	Reduced gastrointestinal worm burden following long term parasite control improves body condition and fertility in beef cows. Veterinary Parasitology, 2020, 287, 109259.	0.7	4
76	Sertoli, Leydig, and Spermatogonial Cellsâ€™ Specific Gene and Protein Expressions as Dog Testes Evolve from Immature into Mature States. Animals, 2022, 12, 271.	1.0	4
77	Expression of CYP26b1 and Related Retinoic Acid Signalling Molecules in Young, Peripubertal and Adult Dog Testis. Reproduction in Domestic Animals, 2013, 48, 171-176.	0.6	3
78	Fertility of Holstein heifers after two doses of PGF2Î± in 5-day CO-Synch progesterone-based synchronization protocol. Theriogenology, 2016, 86, 988-993.	0.9	3
79	Timed artificial insemination strategies with or without short-term natural service and pregnancy success in beef heifers. Theriogenology, 2021, 166, 97-103.	0.9	3
80	Transcript abundance of antiâ€MullÃ©rian hormone and follicleâ€stimulating hormone receptor predicted superstimulatory response in embryo donor Holstein cows. Reproduction in Domestic Animals, 2021, 56, 153-160.	0.6	2
81	Association of gastrointestinal parasite burden, serum cytokines and hormones concentrations, and pregnancy in Angus-cross beef cows. Veterinary Parasitology, 2021, 295, 109464.	0.7	2
82	A Method to Isolate CD34+ Mononuclear Cells from Canine Peripheral Blood. Current Protocols in Stem Cell Biology, 2019, 49, e84.	3.0	1
83	Estrous response and pregnancy percentages following use of a progesterone-based, split-time estrous synchronization treatment regimens in beef heifers. Animal Reproduction Science, 2020, 221, 106544.	0.5	1
84	Effects of twice daily compared with split-time estrous detection on pregnancy percentage in recipient beef cows. Animal Reproduction Science, 2020, 219, 106526.	0.5	1
85	Presynchronization with CIDR, with or without GnRH, prior to CO-Synch in beef heifers. Theriogenology, 2020, 146, 80-87.	0.9	1
86	Difference in Body Weight at Breeding Affects Reproductive Performance in Replacement Beef Heifers and Carries Consequences to Next Generation Heifers. Animals, 2021, 11, 2800.	1.0	1
87	Comparison of parasite load and average daily weight gain in suckling beef calves treated with macrocyclic lactones in either an extended-release injectable or a pouron formulation. Journal of Veterinary Parasitology, 2020, 34, 59.	0.1	1
88	Pregnancy and offspring sex ratio following insemination with SexedULTRA and conventional semen in cows in a commercial beef operation. Reproduction in Domestic Animals, 2021, 56, 1435-1445.	0.6	0