

R Kasimanickam, Ramanathan K Kasim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7716039/publications.pdf>

Version: 2024-02-01

88
papers

2,366
citations

236925

25
h-index

233421

45
g-index

88
all docs

88
docs citations

88
times ranked

2025
citing authors

#	ARTICLE	IF	CITATIONS
1	Sertoli, Leydig, and Spermatogonial Cellsâ€™ Specific Gene and Protein Expressions as Dog Testes Evolve from Immature into Mature States. <i>Animals</i> , 2022, 12, 271.	2.3	4
2	Transcript abundance of antiâ€œMullÃ©rian hormone and follicleâ€œstimulating hormone receptor predicted superstimulatory response in embryo donor Holstein cows. <i>Reproduction in Domestic Animals</i> , 2021, 56, 153-160.	1.4	2
3	Antibiotics Use in Food Animal Production: Escalation of Antimicrobial Resistance: Where Are We Now in Combating AMR?. <i>Medical Sciences (Basel, Switzerland)</i> , 2021, 9, 14.	2.9	24
4	Day 7 embryo quality and suboptimal uterine environment influence morphometry of Day 16 conceptus in dairy cows. <i>Theriogenology</i> , 2021, 163, 10-17.	2.1	7
5	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. <i>Animals</i> , 2021, 11, 1092.	2.3	5
6	Timed artificial insemination strategies with or without short-term natural service and pregnancy success in beef heifers. <i>Theriogenology</i> , 2021, 166, 97-103.	2.1	3
7	Association of gastrointestinal parasite burden, serum cytokines and hormones concentrations, and pregnancy in Angus-cross beef cows. <i>Veterinary Parasitology</i> , 2021, 295, 109464.	1.8	2
8	Impact of heat stress on embryonic development during first 16Ã¢days of gestation in dairy cows. <i>Scientific Reports</i> , 2021, 11, 14839.	3.3	13
9	Pregnancy and offspring sex ratio following insemination with SexedULTRA and conventional semen in cows in a commercial beef operation. <i>Reproduction in Domestic Animals</i> , 2021, 56, 1435-1445.	1.4	0
10	Difference in Body Weight at Breeding Affects Reproductive Performance in Replacement Beef Heifers and Carries Consequences to Next Generation Heifers. <i>Animals</i> , 2021, 11, 2800.	2.3	1
11	Endometrial expression of various genes (ISGs, PPARs, RXRs and MUC1) on day 16 post-ovulation in repeat breeder cows, with or without subclinical endometritis. <i>Theriogenology</i> , 2020, 142, 251-259.	2.1	9
12	Reduced gastrointestinal worm burden following long term parasite control improves body condition and fertility in beef cows. <i>Veterinary Parasitology</i> , 2020, 287, 109259.	1.8	4
13	IFNT, ISGs, PPARs, RXRs and MUC1 in day 16 embryo and endometrium of repeat-breeder cows, with or without subclinical endometritis. <i>Theriogenology</i> , 2020, 158, 39-49.	2.1	7
14	Estrous response and pregnancy percentages following use of a progesterone-based, split-time estrous synchronization treatment regimens in beef heifers. <i>Animal Reproduction Science</i> , 2020, 221, 106544.	1.5	1
15	Effects of twice daily compared with split-time estrous detection on pregnancy percentage in recipient beef cows. <i>Animal Reproduction Science</i> , 2020, 219, 106526.	1.5	1
16	Metabolic biomarkers, body condition, uterine inflammation and response to superovulation in lactating Holstein cows. <i>Theriogenology</i> , 2020, 146, 71-79.	2.1	8
17	Presynchronization with CIDR, with or without GnRH, prior to CO-Synch in beef heifers. <i>Theriogenology</i> , 2020, 146, 80-87.	2.1	1
18	Cyclicity, estrus expression and pregnancy rates in beef heifers with different reproductive tract scores following progesterone supplementation. <i>Theriogenology</i> , 2020, 145, 39-47.	2.1	10

#	ARTICLE	IF	CITATIONS
19	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. <i>Journal of Veterinary Parasitology</i> , 2020, 34, 59.	0.1	1
20	Injectable or transdermal flunixin meglumine improves pregnancy rates in embryo transfer recipient beef cows without altering returns to estrus. <i>Theriogenology</i> , 2019, 140, 8-17.	2.1	15
21	A Method to Isolate CD34+ Mononuclear Cells from Canine Peripheral Blood. <i>Current Protocols in Stem Cell Biology</i> , 2019, 49, e84.	3.0	1
22	Patterns of expression of sperm and seminal plasma microRNAs in boar semen. <i>Theriogenology</i> , 2019, 125, 87-92.	2.1	8
23	Sperm and seminal plasma proteomics of high- versus low-fertility Holstein bulls. <i>Theriogenology</i> , 2019, 126, 41-48.	2.1	48
24	Predictors of beef calf temperament at weaning and its impact on temperament at breeding and reproductive performance. <i>Reproduction in Domestic Animals</i> , 2018, 53, 484-494.	1.4	9
25	Flunixin meglumine improves pregnancy rate in embryo recipient beef cows with an excitable temperament. <i>Theriogenology</i> , 2018, 107, 70-77.	2.1	23
26	Aggressive attempted escape behavior during head-lock restraint reduced reproductive performances in Holstein heifers. <i>Theriogenology</i> , 2018, 121, 147-152.	2.1	4
27	Relationship among circulating anti-MÅ¼llerian hormone, insulin like growth factor 1, cadmium and superovulatory response in dairy cows. <i>Theriogenology</i> , 2017, 100, 72-79.	2.1	14
28	Impact of delayed insemination on pregnancy rates to gender selected semen in a fixed-time AI system. <i>Theriogenology</i> , 2017, 102, 154-161.	2.1	13
29	Fertility of Angus cross beef heifers after Gn<sc>RH</sc> treatment on day 23 and timing of insemination in 14â€¦day <sc>CIDR</sc> protocol. <i>Reproduction in Domestic Animals</i> , 2017, 52, 122-129.	1.4	4
30	Subclinical Pregnancy Toxemia-Induced Gene Expression Changes in Ovine Placenta and Uterus. <i>Frontiers in Veterinary Science</i> , 2016, 3, 69.	2.2	8
31	Fertility after two doses of PGF2± concurrently or at 6-hour interval on the day of CIDR removal in 5-day CO-Synch progesterone-based synchronization protocols in beef heifers. <i>Theriogenology</i> , 2016, 86, 785-790.	2.1	8
32	Estrous synchronization strategies to optimize beef heifer reproductive performance after reproductive tract scoring. <i>Theriogenology</i> , 2016, 86, 831-838.	2.1	9
33	Fertility of Holstein heifers after two doses of PGF2± in 5-day CO-Synch progesterone-based synchronization protocol. <i>Theriogenology</i> , 2016, 86, 988-993.	2.1	3
34	Detection of genes encoding multidrug resistance and biofilm virulence factor in uterine pathogenic bacteria inÂpostpartum dairy cows. <i>Theriogenology</i> , 2016, 85, 173-179.	2.1	11
35	Fertility after implementation of long- and short-term progesterone-based ovulation synchronization protocols for fixed-time artificial insemination in beef heifers. <i>Theriogenology</i> , 2015, 83, 1226-1232.	2.1	12
36	Differential expression of microRNAs in sexually immature and mature canine testes. <i>Theriogenology</i> , 2015, 83, 394-398.e1.	2.1	24

#	ARTICLE	IF	CITATIONS
37	Calm Temperament Improves Reproductive Performance of Beef Cows. <i>Reproduction in Domestic Animals</i> , 2014, 49, 1063-1067.	1.4	22
38	Influence of Temperament Score and Handling Facility on Stress, Reproductive Hormone Concentrations, and Fixed Time <sc>AI</sc> Pregnancy Rates in Beef Heifers. <i>Reproduction in Domestic Animals</i> , 2014, 49, 775-782.	1.4	31
39	Effect of reproductive tract scoring on reproductive efficiency in beef heifers bred by timed insemination and natural service versus only natural service. <i>Theriogenology</i> , 2014, 81, 918-924.	2.1	41
40	Exogenous Retinoic Acid and Cytochrome P450 26B1 Inhibitor Modulate Meiosis-Associated Genes Expression in Canine Testis, an <i>In Vitro</i> Model. <i>Reproduction in Domestic Animals</i> , 2014, 49, 315-323.	1.4	8
41	Effect of the first GnRH and two doses of PGF2Î± in a 5-day progesterone-based CO-Synch protocol on heifer pregnancy. <i>Theriogenology</i> , 2014, 81, 797-804.	2.1	31
42	Mucin 1 and cytokines mRNA in endometrium of dairy cows with postpartum uterine disease or repeat breeding. <i>Theriogenology</i> , 2014, 81, 952-958.e2.	2.1	57
43	Dysregulated microRNA Clusters in Response to Retinoic Acid and CYP26B1 Inhibitor Induced Testicular Function in Dogs. <i>PLoS ONE</i> , 2014, 9, e99433.	2.5	27
44	Expression of CYP26b1 and Related Retinoic Acid Signalling Molecules in Young, Peripubertal and Adult Dog Testis. <i>Reproduction in Domestic Animals</i> , 2013, 48, 171-176.	1.4	3
45	Associations of adiponectin and fertility estimates in Holstein bulls. <i>Theriogenology</i> , 2013, 79, 766-777.e3.	2.1	40
46	Fertility in Angus cross beef cows following 5-day CO-Synch + CIDR or 7-day CO-Synch + CIDR estrus synchronization and timed artificial insemination. <i>Theriogenology</i> , 2013, 80, 963-969.	2.1	35
47	Associations among serum pro- and anti-inflammatory cytokines, metabolic mediators, body condition, and uterine disease in postpartum dairy cows. <i>Reproductive Biology and Endocrinology</i> , 2013, 11, 103.	3.3	76
48	Chronology of early embryonic development and embryo uterine migration in alpacas. <i>Theriogenology</i> , 2013, 79, 702-708.	2.1	23
49	Retinoic acid signaling biomarkers after treatment with retinoic acid and retinoic acid receptor alpha antagonist (Ro 41-5253) in canine testis: An <i>in vitro</i> organ culture study. <i>Theriogenology</i> , 2013, 79, 10-16.	2.1	10
50	Immunolocalization of retinoic acid receptor-alpha, -beta, and -gamma, in bovine and canine sperm. <i>Theriogenology</i> , 2013, 79, 1010-1018.	2.1	7
51	Surveillance, response systems, and evidence updates on emerging zoonoses: the role of one health. <i>Infection Ecology and Epidemiology</i> , 2013, 3, 21386.	0.8	7
52	Prevention and treatment of biofilms by hybrid- and nanotechnologies. <i>International Journal of Nanomedicine</i> , 2013, 8, 2809.	6.7	47
53	Association between mRNA abundance of functional sperm function proteins and fertility of Holstein bulls. <i>Theriogenology</i> , 2012, 78, 2007-2019.e2.	2.1	53
54	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. <i>Theriogenology</i> , 2012, 77, 1624-1631.	2.1	26

#	ARTICLE	IF	CITATIONS
55	Effect of extenders on sperm mitochondrial membrane, plasma membrane and sperm kinetics during liquid storage of canine semen at 5Â°C. <i>Animal Reproduction Science</i> , 2012, 136, 139-145.	1.5	17
56	Nanomedicine for intracellular therapy. <i>FEMS Microbiology Letters</i> , 2012, 332, 1-9.	1.8	26
57	Effect of tocopherol supplementation during last trimester of pregnancy on mRNA abundances of interleukins and angiogenesis in ovine placenta and uterus. <i>Reproductive Biology and Endocrinology</i> , 2012, 10, 4.	3.3	10
58	Effect of time from estrus to AI on pregnancy rates in estrous synchronized beef heifers. <i>Animal Reproduction Science</i> , 2011, 127, 1-6.	1.5	20
59	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. <i>Theriogenology</i> , 2011, 75, 1536-1542.	2.1	20
60	Effect of tocopherol supplementation on serum 8-epi-prostaglandin F2 alpha and adiponectin concentrations, and mRNA expression of PPAR β and related genes in ovine placenta and uterus. <i>Theriogenology</i> , 2011, 76, 482-491.	2.1	11
61	Association of CRISP2, CCT8, PEBP1 mRNA abundance in sperm and sire conception rate in Holstein bulls. <i>Theriogenology</i> , 2011, 76, 570-577.	2.1	54
62	Presynchronization with GnRH 7 days prior to resynchronization with CO-Synch did not improve pregnancy rate in lactating dairy cows. <i>Theriogenology</i> , 2011, 76, 1036-1041.	2.1	19
63	Factors associated with the rectal temperature of Holstein dairy cows during the first 10 days in milk. <i>Journal of Dairy Science</i> , 2011, 94, 1864-1872.	3.4	39
64	Effect of semen extenders on sperm parameters of ram semen during liquid storage at 4Â°C. <i>Small Ruminant Research</i> , 2011, 99, 208-213.	1.2	31
65	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. <i>Reproductive Biology and Endocrinology</i> , 2011, 9, 151.	3.3	4
66	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. <i>Reproduction in Domestic Animals</i> , 2010, 45, 487-492.	1.4	4
67	Tocopherol induced angiogenesis in placental vascular network in late pregnant ewes. <i>Reproductive Biology and Endocrinology</i> , 2010, 8, 86.	3.3	24
68	Efficacy of Amphiphilic Core-Shell Nanostructures Encapsulating Gentamicin in an <i>In Vitro</i> Salmonella and <i>Listeria</i> Intracellular Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 3524-3526.	3.2	12
69	Effect of timing of second prostaglandin F2 β administration in a 5-day, progesterone-based CO-Synch protocol on AI pregnancy rates in beef cows. <i>Theriogenology</i> , 2010, 74, 1002-1009.	2.1	13
70	Antibacterial efficacy of core-shell nanostructures encapsulating gentamicin against an <i>in vivo</i> intracellular Salmonella model. <i>International Journal of Nanomedicine</i> , 2009, 4, 289.	6.7	33
71	<i>In Vitro</i> Trafficking and Efficacy of Core-Shell Nanostructures for Treating Intracellular <i>Salmonella</i> Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 3985-3988.	3.2	14
72	Two doses of prostaglandin improve pregnancy rates to timed-AI in a 5-day progesterone-based synchronization protocol in beef cows. <i>Theriogenology</i> , 2009, 71, 762-767.	2.1	52

#	ARTICLE	IF	CITATIONS
73	Fixed-time AI pregnancy rate following insemination with frozen-thawed or fresh-extended semen in progesterone supplemented CO-Synch protocol in beef cows. <i>Theriogenology</i> , 2009, 71, 1180-1185.	2.1	29
74	Sire effect on the pregnancy outcome in beef cows synchronized with progesterone based Ovsynch and CO-Synch protocols. <i>Animal Reproduction Science</i> , 2008, 104, 1-8.	1.5	6
75	A field study of the effects of a monovalent <i>Leptospira borgpetersenii</i> serovar Hardjo strain hardjobovis vaccine administered with oxytetracycline on reproductive performance in beef cattle. <i>Journal of the American Veterinary Medical Association</i> , 2007, 231, 1709-1714.	0.5	15
76	Use of Somatic Cell Nuclear Transfer to Study Meiosis in Female Cattle Carrying A Sex-Dependent Fertility-Impairing X-Chromosome Abnormality. <i>Cloning and Stem Cells</i> , 2007, 9, 118-129.	2.6	11
77	Relationships among lipid peroxidation, glutathione peroxidase, superoxide dismutase, sperm parameters, and competitive index in dairy bulls. <i>Theriogenology</i> , 2007, 67, 1004-1012.	2.1	68
78	Effect of breed and sperm concentration on the changes in structural, functional and motility parameters of ram-lamb spermatozoa during storage at 4°C. <i>Animal Reproduction Science</i> , 2007, 101, 60-73.	1.5	46
79	Prevention of lethal experimental infection of C57BL/6 mice by vaccination with <i>Brucella abortus</i> strain RB51 expressing <i>Neospora caninum</i> antigens. <i>International Journal for Parasitology</i> , 2007, 37, 1521-1529.	3.1	35
80	Effect of Sire Fertility and Timing of Artificial Insemination in a Presynch + Ovsynch Protocol on First-Service Pregnancy Rates. <i>Journal of Dairy Science</i> , 2006, 89, 2473-2478.	3.4	10
81	Effect of presence of clinical and subclinical endometritis at the initiation of Presynch+Ovsynch program on the first service pregnancy in dairy cows. <i>Animal Reproduction Science</i> , 2006, 95, 214-223.	1.5	21
82	Association of classical semen parameters, sperm DNA fragmentation index, lipid peroxidation and antioxidant enzymatic activity of semen in ram-lambs. <i>Theriogenology</i> , 2006, 65, 1407-1421.	2.1	77
83	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. <i>Theriogenology</i> , 2006, 66, 166-172.	2.1	20
84	Breed differences in competitive indices of Holstein and Jersey bulls and their association with sperm DNA fragmentation index and plasma membrane integrity. <i>Theriogenology</i> , 2006, 66, 1307-1315.	2.1	42
85	The effect of a single administration of cephalixin or cloprostenol on the reproductive performance of dairy cows with subclinical endometritis. <i>Theriogenology</i> , 2005, 63, 818-830.	2.1	114
86	Fertility following fixed-time AI or insemination at observed estrus in Ovsynch and Heatsynch programs in lactating dairy cows. <i>Theriogenology</i> , 2005, 63, 2550-2559.	2.1	34
87	A comparison of the cytobrush and uterine lavage techniques to evaluate endometrial cytology in clinically normal postpartum dairy cows. <i>Canadian Veterinary Journal</i> , 2005, 46, 255-9.	0.0	118
88	Endometrial cytology and ultrasonography for the detection of subclinical endometritis in postpartum dairy cows. <i>Theriogenology</i> , 2004, 62, 9-23.	2.1	456