

Zvi Roth

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

787
citations

687220

13
h-index

552653

26
g-index

29
all docs

29
docs citations

29
times ranked

824
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of heat stress on cow reproduction and fertility. <i>Animal Frontiers</i> , 2019, 9, 32-38.	0.8	130
2	Administration of Prostaglandin F2 \pm During the Early Bovine Luteal Phase Does Not Alter the Expression of ET-1 and of Its Type A Receptor: A Possible Cause for Corpus Luteum Refractoriness. <i>Biology of Reproduction</i> , 2000, 63, 377-382.	1.2	92
3	Effect of Heat Stress on Reproduction in Dairy Cows: Insights into the Cellular and Molecular Responses of the Oocyte. <i>Annual Review of Animal Biosciences</i> , 2017, 5, 151-170.	3.6	92
4	Symposium review: Reduction in oocyte developmental competence by stress is associated with alterations in mitochondrial function. <i>Journal of Dairy Science</i> , 2018, 101, 3642-3654.	1.4	89
5	Seasonal Effect on Germinal Vesicle-Stage Bovine Oocytes Is Further Expressed by Alterations in Transcript Levels in the Developing Embryos Associated with Reduced Developmental Competence ¹ . <i>Biology of Reproduction</i> , 2012, 86, 1-9.	1.2	76
6	Dietary $\hat{\pm}$ -linolenic acid from flaxseed oil or eicosapentaenoic and docosahexaenoic acids from fish oil differentially alter fatty acid composition and characteristics of fresh and frozen-thawed bull semen. <i>Theriogenology</i> , 2015, 83, 1110-1120.	0.9	45
7	Modification of embryonic resistance to heat shock in cattle by melatonin and genetic variation in HSPA1L. <i>Journal of Dairy Science</i> , 2016, 99, 9152-9164.	1.4	34
8	Carryover Effects of Acute DEHP Exposure on Ovarian Function and Oocyte Developmental Competence in Lactating Cows. <i>PLoS ONE</i> , 2015, 10, e0130896.	1.1	33
9	Reproductive physiology and endocrinology responses of cows exposed to environmental heat stress - Experiences from the past and lessons for the present. <i>Theriogenology</i> , 2020, 155, 150-156.	0.9	32
10	Effect of the herbicide atrazine and its metabolite DACT on bovine sperm quality. <i>Reproductive Toxicology</i> , 2017, 67, 15-25.	1.3	28
11	Experimental model of toxin-induced subclinical mastitis and its effect on disruption of follicular function in cows. <i>Theriogenology</i> , 2014, 82, 1165-1172.	0.9	17
12	Melatonin slightly alleviates the effect of heat shock on bovine oocytes and resulting blastocysts. <i>Theriogenology</i> , 2020, 158, 477-489.	0.9	15
13	IGF-I slightly improves nuclear maturation and cleavage rate of bovine oocytes exposed to acute heat shock <i>in vitro</i> . <i>Zygote</i> , 2015, 23, 514-524.	0.5	13
14	Effect of aflatoxin B1 on bovine spermatozoa $\hat{\text{TM}}$ s proteome and embryo $\hat{\text{TM}}$ s transcriptome. <i>Reproduction</i> , 2020, 160, 709-723.	1.1	12
15	Stress $\hat{\text{A}}$ induced alterations in oocyte transcripts are further expressed in the developing blastocyst. <i>Molecular Reproduction and Development</i> , 2018, 85, 821-835.	1.0	10
16	Influence of heat stress on reproduction in dairy cows $\hat{\text{A}}$ physiological and practical aspects. <i>Journal of Animal Science</i> , 2020, 98, S80-S87.	0.2	10
17	Effect of environmental contamination on female and male gametes $\hat{\text{A}}$ “ A lesson from bovines. <i>Animal Reproduction</i> , 2020, 17, e20200041.	0.4	10
18	Atrazine-induced toxicity in goat spermatozoa is alleviated to some extent by polyphenol-enriched feed. <i>Chemosphere</i> , 2019, 236, 124858.	4.2	8

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19	Cooling is the predominant strategy to alleviate the effects of heat stress on dairy cows. <i>Reproduction in Domestic Animals</i> , 2022, 57, 16-22.	0.6	7
20	Carryover effects of feeding bulls with an omega-3-enriched-dietâ€”From spermatozoa to developed embryos. <i>PLoS ONE</i> , 2022, 17, e0265650.	1.1	7
21	Effect of the herbicide atrazine and its major metabolite, DACT, on bovine sperm cryotolerance. <i>Theriogenology</i> , 2019, 140, 117-123.	0.9	6
22	Fluorimetric Techniques for the Assessment of Sperm Membranes. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	5
23	Association between Fatty Acid Composition, Cryotolerance and Fertility Competence of Progressively Motile Bovine Spermatozoa. <i>Animals</i> , 2021, 11, 2948.	1.0	5
24	Oocyte maturation in plasma or follicular fluid obtained from lipopolysaccharide-treated cows disrupts its developmental competence. <i>Theriogenology</i> , 2020, 141, 120-127.	0.9	3
25	Progesterone Regulation of Milk Fat Globule Size Is VLDL Dependent. <i>Frontiers in Endocrinology</i> , 2020, 11, 596.	1.5	3
26	New evidence for deleterious effects of environmental contaminants on the male gamete. <i>Animal Reproduction Science</i> , 2022, 246, 106886.	0.5	3
27	Administration of GnRH at Onset of Estrus, Determined by Automatic Activity Monitoring, to Improve Dairy Cow Fertility during the Summer and Autumn. <i>Animals</i> , 2021, 11, 2194.	1.0	2
28	Bovine milk microwave dielectric response to pregnancy. , 2021, , .		0
29	Progesterone supplementation to improve fertility of selected subgroups of lactating cows during the summer and fall. <i>Reproduction in Domestic Animals</i> , 2022, , .	0.6	0