

Eneiva Carla Carvalho Celeghini

List of Publications by Year in descending order

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58
papers

1,087
citations

361413

20
h-index

434195

31
g-index

58
all docs

58
docs citations

58
times ranked

1242
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects that bovine sperm cryopreservation using two different extenders has on sperm membranes and chromatin. <i>Animal Reproduction Science</i> , 2008, 104, 119-131.	1.5	133
2	Practical Techniques for Bovine Sperm Simultaneous Fluorimetric Assessment of Plasma, Acrosomal and Mitochondrial Membranes. <i>Reproduction in Domestic Animals</i> , 2007, 42, 479-488.	1.4	121
3	Assessment of in vitro sperm characteristics and their importance in the prediction of conception rate in a bovine timed-AI program. <i>Animal Reproduction Science</i> , 2013, 137, 145-155.	1.5	49
4	Recovery of normal testicular temperature after scrotal heat stress in rams assessed by infrared thermography and its effects on seminal characteristics and testosterone blood serum concentration. <i>Theriogenology</i> , 2016, 86, 795-805.e2.	2.1	49
5	Effects of bovine sperm cryopreservation using different freezing techniques and cryoprotective agents on plasma, acrosomal and mitochondrial membranes. <i>Andrologia</i> , 2012, 44, 154-159.	2.1	45
6	Fluorescent Stain Method for the Simultaneous Determination of Mitochondrial Potential and Integrity of Plasma and Acrosomal Membranes in Boar Sperm. <i>Reproduction in Domestic Animals</i> , 2007, 42, 190-194.	1.4	41
7	From Sperm Motility to Sperm-Borne microRNA Signatures: New Approaches to Predict Male Fertility Potential. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 791.	3.7	41
8	Effects of Sperm Concentration and Straw Volume on Motion Characteristics and Plasma, Acrosomal, and Mitochondrial Membranes of Equine Cryopreserved Spermatozoa. <i>Journal of Equine Veterinary Science</i> , 2008, 28, 351-358.	0.9	38
9	Sperm-borne miR-216b modulates cell proliferation during early embryo development via K-RAS. <i>Scientific Reports</i> , 2019, 9, 10358.	3.3	38
10	Simultaneous assessment of plasmatic, acrosomal, and mitochondrial membranes in ram sperm by fluorescent probes. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2010, 62, 536-543.	0.4	35
11	Post-thaw addition of seminal plasma reduces tyrosine phosphorylation on the surface of cryopreserved equine sperm, but does not reduce lipid peroxidation. <i>Theriogenology</i> , 2012, 77, 1866-1872.e3.	2.1	35
12	Addition of Seminal Plasma to Post-thawing Equine Semen: What is the Effect on Sperm Cell Viability?. <i>Reproduction in Domestic Animals</i> , 2011, 46, 682-686.	1.4	34
13	Assessment of field fertility and several in vitro sperm characteristics following the use of different Angus sires in a timed-AI program with suckled Nelore cows. <i>Livestock Science</i> , 2012, 146, 38-46.	1.6	34
14	Correlações entre a hemodinâmica testicular e as características espermáticas em carneiros. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2014, 50, 384.	0.2	28
15	Heat stress effects on bovine sperm cells: a chronological approach to early findings. <i>International Journal of Biometeorology</i> , 2020, 64, 1367-1378.	3.0	27
16	Addition of Antioxidants Myoinositol, Ferulic Acid, and Melatonin and Their Effects on Sperm Motility, Membrane Integrity, and Reactive Oxygen Species Production in Cooled Equine Semen. <i>Journal of Equine Veterinary Science</i> , 2017, 59, 57-63.	0.9	26
17	Changes in miRNA levels of sperm and small extracellular vesicles of seminal plasma are associated with transient scrotal heat stress in bulls. <i>Theriogenology</i> , 2021, 161, 26-40.	2.1	26
18	Efficiency of CellROX deep red [®] and CellROX orange [®] fluorescent probes in identifying reactive oxygen species in sperm samples from high and low fertility bulls. <i>Animal Biotechnology</i> , 2021, 32, 77-83.	1.5	25

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19	Effects of discontinuous Percoll gradient centrifugation on the quality of bovine spermatozoa evaluated with computer-assisted semen analysis and fluorescent probes association. <i>Andrologia</i> , 2012, 44, 9-15.	2.1	24
20	Fertility and uterine hemodynamic in cows after artificial insemination with semen assessed by fluorescent probes. <i>Theriogenology</i> , 2014, 82, 767-772.	2.1	24
21	Melatonin Added to Cryopreservation Extenders Improves the Mitochondrial Membrane Potential of Postthawed Equine Sperm. <i>Journal of Equine Veterinary Science</i> , 2018, 69, 78-83.	0.9	23
22	Nitric oxide in frozen-thawed equine sperm: Effects on motility, membrane integrity and sperm capacitation. <i>Animal Reproduction Science</i> , 2018, 195, 176-184.	1.5	17
23	Damage assessment of the equine sperm membranes by fluorimetric technique. <i>Brazilian Archives of Biology and Technology</i> , 2010, 53, 1285-1292.	0.5	13
24	Correlation between sperm characteristics and testosterone in bovine seminal plasma by direct radioimmunoassay. <i>Revista Brasileira De Zootecnia</i> , 2011, 40, 2721-2724.	0.8	12
25	Low-level laser therapy to recovery testicular degeneration in rams: effects on seminal characteristics, scrotal temperature, plasma testosterone concentration, and testes histopathology. <i>Lasers in Medical Science</i> , 2016, 31, 695-704.	2.1	11
26	Cholesterol-loaded cyclodextrin is efficient in preserving sperm quality of cryopreserved ram semen with low freezability. <i>Reproductive Biology</i> , 2020, 20, 14-24.	1.9	11
27	Uterine Vascular Perfusion and Involution During the Postpartum Period in Mares. <i>Journal of Equine Veterinary Science</i> , 2017, 51, 61-69.	0.9	9
28	Utilization of fluorescent probe association for simultaneous assessment of plasmatic, acrosomal, and mitochondrial membranes of rooster spermatozoa. <i>Brazilian Journal of Poultry Science</i> , 2007, 9, 143-149.	0.7	8
29	Morphofunctional Characterization of Cooled Sperm With Different Extenders to Use in Equine-Assisted Reproduction. <i>Journal of Equine Veterinary Science</i> , 2014, 34, 911-917.	0.9	8
30	Artificial insemination causes uterine hemodynamic alterations in suckled beef cows subjected to an ovulation synchronization program. <i>Livestock Science</i> , 2014, 167, 449-454.	1.6	7
31	Follicular dynamics, ovarian vascularity and luteal development in mares with early or late postpartum ovulation. <i>Theriogenology</i> , 2017, 96, 23-30.	2.1	7
32	Avaliação das características seminais de galos selecionados para a reprodução pelo desenvolvimento da crista. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2001, 38, 177-183.	0.2	7
33	Effect of cis-9,trans-11 and trans-10,cis-12 isomers of conjugated linoleic acid on the integrity and functionality of cryopreserved bovine spermatozoa. <i>Cryobiology</i> , 2013, 67, 102-105.	0.7	6
34	Orquiepididimite em carneiro por <i>Salmonella enterica</i> sub-diarizonae: primeiro caso na América do Sul. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2013, 65, 139-144.	0.4	6
35	Supplementation with long-acting progesterone in early diestrus in beef cattle: I. effect of artificial insemination on onset of luteolysis. <i>Domestic Animal Endocrinology</i> , 2019, 67, 63-70.	1.6	6
36	Does low-level laser therapy on degenerated ovine testes improve post-thawed sperm characteristics?. <i>Lasers in Medical Science</i> , 2019, 34, 1001-1009.	2.1	6

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37	Influence of seminal plasma during different stages of bovine sperm cryopreservation. <i>Reproduction in Domestic Animals</i> , 2021, 56, 872-883.	1.4	6
38	Existem relações entre tamanho e morfoecogenicidade do corpo lúteo detectados pelo ultra-som e os teores de progesterona plasmática em receptoras de embriões eqüinos?. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2001, 38, .	0.2	6
39	Addition of Pentoxifylline to Skim Milk-Based Extender on Frozen-Thawed Equine Sperm. <i>Journal of Equine Veterinary Science</i> , 2015, 35, 823-829.	0.9	5
40	Supplementation with long-acting progesterone in early diestrus in beef cattle: II. Relationships between follicle growth dynamics and luteolysis. <i>Domestic Animal Endocrinology</i> , 2019, 68, 1-10.	1.6	5
41	Effect of hCG application at different moments of the estrous cycle on corpus luteum and uterine vascularization and serum progesterone concentration in mares. <i>Animal Reproduction</i> , 2019, 16, 317-327.	1.0	5
42	Poor welfare compromises testicle physiology in breeding boars. <i>PLoS ONE</i> , 2022, 17, e0268944.	2.5	4
43	Uterine lavage is efficient to recover endometrial cytology sample and does not interfere with fertility rate after artificial insemination in cows. <i>Theriogenology</i> , 2016, 85, 1549-1554.	2.1	3
44	Maternal stress in sheep during late pregnancy influences sperm quality in early puberty of the offspring. <i>Theriogenology</i> , 2020, 145, 158-166.	2.1	3
45	Coenzyme Q-10 improves preservation of mitochondrial functionality and actin structure of cryopreserved stallion sperm. <i>Animal Reproduction</i> , 2021, 18, e20200218.	1.0	3
46	The effect of n-3 polyunsaturated fatty acid supplementation on immune and reproductive parameters in dairy cows. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 0, 58, e175224.	0.2	3
47	Does supplementation of vitamin C, reduced glutathione or their association in semen extender reduce oxidative stress in bovine frozen semen?. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2020, 72, 9-17.	0.4	3
48	Chronological characterization of sperm morpho-functional damage and recovery after testicular heat stress in Nelore bulls. <i>Journal of Thermal Biology</i> , 2022, , 103237.	2.5	3
49	Comparação dos índices reprodutivos com inseminação artificial ou cobertura natural sob influências sazonais em suínos. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2000, 37, .	0.2	2
50	Superovulação de novilhas da raça Nelore com diferentes doses de FSH/LH e congelamento de embriões pelo método one-step com etilenoglicol. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 1999, 36, 00-00.	0.2	2
51	The Importance of Semen Quality in AI Programs and Advances in Laboratory Analyses for Semen Characteristics Assessment. , 2013, , .		1
52	Glutathione and IGF-1 in bovine seminal cryopreservation: oxidative stress response and pregnancy rate. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2021, 73, 311-319.	0.4	1
53	Acute exposure to hyperosmotic conditions reduces sperm activation by urine in the yellowtail tetra <i>Astyanax altiparanae</i> , a freshwater teleost fish. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2020, 57, e166205.	0.2	1
54	Relationship between sperm ubiquitination and equine semen freezability. <i>Reproduction in Domestic Animals</i> , 2022, , .	1.4	1

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55	Effects of pentoxifylline supplementation to semen extender on post-breeding inflammation response assessed by endometrial cytology and vascular perfusion in mares. <i>Animal Reproduction Science</i> , 2019, 208, 106128.	1.5	0
56	Systemic changes caused by artificial insemination in beef cows (<i>Bos indicus</i>) and their impact on animal welfare. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 0, 58, e183731.	0.2	0
57	Influência do ganho e da técnica de inseminação sobre os índices de recuperação embrionária e de gestação em um programa de transferência de embriões em eqüinos da raça Mangalarga. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2001, 38, 34-37.	0.2	0
58	Influence of the development phase of the dominant follicle on the superovulatory response in Nelore heifers. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 1999, 36, 00-00.	0.2	0