

Cristina Ortega-Ferrusola

List of Publications by Year in descending order

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papers

955
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471509

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#	ARTICLE	IF	CITATIONS
1	An integrated overview on the regulation of sperm metabolism (glycolysis-Krebs cycle-oxidative) Tj ETQq1 1 0.784314 rgBT /Oyerlock 10	1.5	22
2	Seminal plasma proteins as potential biomarkers for sperm motility and velocities. <i>Theriogenology</i> , 2022, 177, 34-41.	2.1	6
3	The seminal plasma proteins Peptidyl arginine deaminase 2, rRNA adenine N (6)-methyltransferase and KIAA0825 are linked to better motility post thaw in stallions. <i>Theriogenology</i> , 2022, 177, 94-102.	2.1	7
4	The Stallion Spermatozoa: A Valuable Model to Help Understand the Interplay Between Metabolism and Redox (De)regulation in Sperm Cells. <i>Antioxidants and Redox Signaling</i> , 2022, 37, 521-537.	5.4	6
5	Evaluation of testicular echotexture with Ecotext as a diagnostic method of testicular dysfunction in stallions. <i>Theriogenology</i> , 2022, 185, 50-60.	2.1	3
6	Endometrial area of the blood flow as a marker of endometritis in equine. <i>Reproduction in Domestic Animals</i> , 2022, 57, 98-102.	1.4	2
7	Advances in the ultrasound diagnosis in equine reproductive medicine: New approaches. <i>Reproduction in Domestic Animals</i> , 2022, 57, 34-44.	1.4	2
8	In Stallion Spermatozoa, Superoxide Dismutase (Cu&Zn) (SOD1) and the Aldo-Keto-Reductase Family 1 Member b (AKR1B1) Are the Proteins Most Significantly Reduced by Cryopreservation. <i>Journal of Proteome Research</i> , 2021, 20, 2435-2446.	3.7	19
9	Low glucose and high pyruvate reduce the production of 2-oxoaldehydes, improving mitochondrial efficiency, redox regulation, and stallion sperm function&. <i>Biology of Reproduction</i> , 2021, 105, 519-532.	2.7	9
10	Comparing the Effect of Different Antibiotics in Frozen-Thawed Ram Sperm: Is It Possible to Avoid Their Addition?. <i>Frontiers in Veterinary Science</i> , 2021, 8, 656937.	2.2	9
11	Proteins involved in mitochondrial metabolic functions and fertilization predominate in stallions with better motility. <i>Journal of Proteomics</i> , 2021, 247, 104335.	2.4	5
12	Differences in the proteome of stallion spermatozoa explain stallion-to-stallion variability in sperm quality post-thaw&. <i>Biology of Reproduction</i> , 2021, 104, 1097-1113.	2.7	16
13	Power Doppler can detect the presence of 7&8 day conceptuses prior to flushing in an equine embryo transfer program. <i>Theriogenology</i> , 2020, 145, 1-9.	2.1	10
14	Seminal plasma AnnexinA2 protein is a relevant biomarker for stallions which require removal of seminal plasma for sperm survival upon refrigeration&. <i>Biology of Reproduction</i> , 2020, 103, 1275-1288.	2.7	14
15	Dataset of endometrial blood flow from pregnant and non-pregnant mares on day 7 and 8 post-ovulation. <i>Data in Brief</i> , 2020, 30, 105616.	1.0	0
16	Data set of the proteome of fresh and frozen thawed stallion spermatozoa. <i>Data in Brief</i> , 2020, 31, 105887.	1.0	3
17	The SLC7A11: sperm mitochondrial function and non-canonical glutamate metabolism. <i>Reproduction</i> , 2020, 160, 803-818.	2.6	14
18	Rosiglitazone in the thawing medium improves mitochondrial function in stallion spermatozoa through regulating Akt phosphorylation and reduction of caspase 3. <i>PLoS ONE</i> , 2019, 14, e0211994.	2.5	14

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19	Transcriptome analysis reveals that fertilization with cryopreserved sperm downregulates genes relevant for early embryo development in the horse. <i>PLoS ONE</i> , 2019, 14, e0213420.	2.5	22
20	The incorporation of cystine by the soluble carrier family 7 member 11 (SLC7A11) is a component of the redox regulatory mechanism in stallion spermatozoa. <i>Biology of Reproduction</i> , 2019, 101, 208-222.	2.7	17
21	A Rare Case of a Primary Unilateral Low-Grade Paratesticular Leiomyosarcoma in a 2 Years Old Dog. <i>Frontiers in Veterinary Science</i> , 2019, 6, 83.	2.2	2
22	Redox Regulation and Oxidative Stress: The Particular Case of the Stallion Spermatozoa. <i>Antioxidants</i> , 2019, 8, 567.	5.1	49
23	Depletion of thiols leads to redox deregulation, production of 4-hydroxynonenal and sperm senescence: a possible role for GSH regulation in spermatozoa. <i>Biology of Reproduction</i> , 2019, 100, 1090-1107.	2.7	21
24	How does the microbial load affect the quality of equine cool-stored semen?. <i>Theriogenology</i> , 2018, 114, 212-220.	2.1	23
25	Seasonal changes in the sperm fatty acid composition of Shetland pony stallions. <i>Theriogenology</i> , 2018, 107, 149-153.	2.1	29
26	Flow cytometry analysis of spermatozoa: Is it time for flow spermetry?. <i>Reproduction in Domestic Animals</i> , 2018, 53, 37-45.	1.4	17
27	Progesterone stimulates the long-distance migration of capacitated ram spermatozoa through viscous media under geotactic condition. <i>Theriogenology</i> , 2018, 118, 7-15.	2.1	2
28	Pulse Doppler ultrasound as a tool for the diagnosis of chronic testicular dysfunction in stallions. <i>PLoS ONE</i> , 2017, 12, e0175878.	2.5	41
29	piRNA-associated proteins and retrotransposons are differentially expressed in murine testis and ovary of aryl hydrocarbon receptor deficient mice. <i>Open Biology</i> , 2016, 6, 160186.	3.6	16
30	New flow cytometry approaches in equine andrology. <i>Theriogenology</i> , 2016, 86, 366-372.	2.1	22
31	Caspase 3 Activity and Lipoperoxidative Status in Raw Semen Predict the Outcome of Cryopreservation of Stallion Spermatozoa. <i>Biology of Reproduction</i> , 2016, 95, 53-53.	2.7	32
32	Flow Cytometry Probes to Evaluate Stallion Spermatozoa. <i>Journal of Equine Veterinary Science</i> , 2016, 43, S23-S28.	0.9	3
33	Depletion of Intracellular Thiols and Increased Production of 4-Hydroxynonenal that Occur During Cryopreservation of Stallion Spermatozoa Lead to Caspase Activation, Loss of Motility, and Cell Death. <i>Biology of Reproduction</i> , 2015, 93, 143.	2.7	40
34	Tumor Necrosis Factor α Phosphorylates c-Jun N-Terminal Kinase in Stallion Spermatozoa: Effect of Cryopreservation. <i>Journal of Equine Veterinary Science</i> , 2015, 35, 206-212.	0.9	2
35	Testicular perfusion after standing laparoscopic peritoneal flap hernioplasty in stallions. <i>Theriogenology</i> , 2015, 84, 797-804.	2.1	8
36	Inhibition of Mitochondrial Complex I Leads to Decreased Motility and Membrane Integrity Related to Increased Hydrogen Peroxide and Reduced ATP Production, while the Inhibition of Glycolysis Has Less Impact on Sperm Motility. <i>PLoS ONE</i> , 2015, 10, e0138777.	2.5	103

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37	Use of Colour and Spectral Doppler Ultrasonography in Stallion Andrology. <i>Reproduction in Domestic Animals</i> , 2014, 49, 88-96.	1.4	27
38	Phosphorylated AKT preserves stallion sperm viability and motility by inhibiting caspases 3 and 7. <i>Reproduction</i> , 2014, 148, 221-235.	2.6	69
39	Effect of BAPTA-AM on Thawed Stallion Spermatozoa Extended in INRA 96 or Tyrode's Medium. <i>Journal of Equine Veterinary Science</i> , 2013, 33, 622-627.	0.9	2
40	Sperm Susceptibility to Oxidative Stress in the Retuertas Endangered Horse. <i>Journal of Equine Veterinary Science</i> , 2013, 33, 962-968.	0.9	1
41	The Mitochondria of Stallion Spermatozoa Are More Sensitive Than the Plasmalemma to Osmotic-Induced Stress: Role of c-Jun N-terminal Kinase (JNK) Pathway. <i>Journal of Andrology</i> , 2012, 33, 105-113.	2.0	42
42	How Stallion Sperm Age In Vitro? Scenario for Preservation Technologies. <i>Journal of Equine Veterinary Science</i> , 2012, 32, 451-454.	0.9	13
43	Autophagy and Apoptosis Have a Role in the Survival or Death of Stallion Spermatozoa during Conservation in Refrigeration. <i>PLoS ONE</i> , 2012, 7, e30688.	2.5	79
44	Identification and Function of Exchange Proteins Activated Directly by Cyclic AMP (Epac) in Mammalian Spermatozoa. <i>PLoS ONE</i> , 2012, 7, e37713.	2.5	17
45	Melatonin reduces lipid peroxidation and apoptotic-like changes in stallion spermatozoa. <i>Journal of Pineal Research</i> , 2011, 51, 172-179.	7.4	91
46	Effect of Different Extenders and Seminal Plasma on the Susceptibility of Equine Spermatozoa to Lipid Peroxidation After Single-Layer Centrifugation, Through Androcoll-E. <i>Journal of Equine Veterinary Science</i> , 2011, 31, 411-416.	0.9	4