

Alfredo RamÃ- rez-Reveco

List of Publications by Year in descending order

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36
papers

651
citations

687363

13
h-index

610901

24
g-index

39
all docs

39
docs citations

39
times ranked

867
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of motile-sperm subpopulation structure in boar ejaculates subjected to "in vitro" capacitation and further "in vitro" acrosome reaction. <i>Theriogenology</i> , 2008, 69, 501-512.	2.1	57
2	Intracellular calcium movements of boar spermatozoa during "in vitro" capacitation and subsequent acrosome exocytosis follow a multiple-storage place, extracellular calcium-dependent model. <i>Andrology</i> , 2015, 3, 729-747.	3.5	56
3	The Presence and Function of Dopamine Type 2 Receptors in Boar Sperm: A Possible Role for Dopamine in Viability, Capacitation, and Modulation of Sperm Motility. <i>Biology of Reproduction</i> , 2009, 80, 753-761.	2.7	55
4	"In Vitro" Capacitation and Acrosome Reaction are Concomitant with Specific Changes in Mitochondrial Activity in Boar Sperm: Evidence for a Nucleated Mitochondrial Activation and for the Existence of a Capacitation-Sensitive Subpopulational Structure. <i>Reproduction in Domestic Animals</i> , 2011, 46, 664-673.	1.4	51
5	Oligomycin A-induced inhibition of mitochondrial ATP-synthase activity suppresses boar sperm motility and in vitro capacitation achievement without modifying overall sperm energy levels. <i>Reproduction, Fertility and Development</i> , 2014, 26, 883.	0.4	47
6	Use of hypometabolic TRIS extenders and high cooling rate refrigeration for cryopreservation of stallion sperm: Presence and sensitivity of 5' AMP-activated protein kinase (AMPK). <i>Cryobiology</i> , 2014, 69, 473-481.	0.7	42
7	Novel identification of peripheral dopaminergic D2 receptor in male germ cells. <i>Journal of Cellular Biochemistry</i> , 2007, 100, 141-150.	2.6	37
8	Hexose-specificity of hexokinase and ADP-dependence of pyruvate kinase play important roles in the control of monosaccharide utilization in freshly diluted boar spermatozoa. <i>Molecular Reproduction and Development</i> , 2006, 73, 1179-1194.	2.0	34
9	Sperm from Hyh Mice Carrying a Point Mutation in $\hat{\pm}$ SNAP Have a Defect in Acrosome Reaction. <i>PLoS ONE</i> , 2009, 4, e4963.	2.5	24
10	Presence and Function of Dopamine Transporter (DAT) in Stallion Sperm: Dopamine Modulates Sperm Motility and Acrosomal Integrity. <i>PLoS ONE</i> , 2014, 9, e112834.	2.5	24
11	Glycolytic potential and activity of adenosine monophosphate kinase (AMPK), glycogen phosphorylase (GP) and glycogen debranching enzyme (GDE) in steer carcasses with normal (≤ 5.8) or high (≥ 5.9) 24h pH determined in <i>M. longissimus dorsi</i> . <i>Meat Science</i> , 2015, 101, 83-89.	5.5	23
12	Early differential gene expression in beef <i>Longissimus thoracis</i> muscles from carcasses with normal (≤ 5.8) and high (≥ 5.9) ultimate pH. <i>Meat Science</i> , 2019, 153, 117-125.	5.5	16
13	Expression of the GM-CSF receptor in ovine spermatozoa: GM-CSF effect on sperm viability and motility of sperm subpopulations after the freezing-thawing process. <i>Theriogenology</i> , 2007, 67, 1359-1370.	2.1	15
14	Neuronal signaling repertoire in the mammalian sperm functionality. <i>Biology of Reproduction</i> , 2017, 96, 505-524.	2.7	15
15	Effects of storage time on the motility, mortality and calcium levels of Atlantic salmon (<i>Salmo salar</i>) spermatozoa. <i>Journal of Fish Biology</i> , 2017, 90, 1506-1516.	1.6	14
16	LED-based red light photostimulation improves short-term response of cooled boar semen exposed to thermal stress at 37°C. <i>Andrologia</i> , 2019, 51, e13237.	2.1	14
17	Spinal Reactive Oxygen Species and Oxidative Damage Mediate Chronic Pain in Lame Dairy Cows. <i>Animals</i> , 2019, 9, 693.	2.3	14
18	Granulocyte-macrophage colony stimulating factor (GM-CSF) enhances cumulus cell expansion in bovine oocytes. <i>Reproductive Biology and Endocrinology</i> , 2013, 11, 55.	3.3	12

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19	Water contaminated with <i>Didymosphenia geminata</i> generates changes in <i>Salmo salar</i> spermatozoa activation times. <i>Aquatic Toxicology</i> , 2015, 163, 102-108.	4.0	11
20	In Vitro Capacitation and Further In Vitro Progesterone-Induced Acrosome Exocytosis are Linked to Specific Changes in the Expression and Acrosome Location of Protein Phosphorylation in Serine Residues of Boar Spermatozoa. <i>Reproduction in Domestic Animals</i> , 2012, 47, 766-776.	1.4	9
21	Effect of season, supplementation and fasting on glycolytic potential and activity of AMP-activated protein kinase, glycogen phosphorylase and glycogen debranching enzyme in grass-fed steers as determined in <i>Longissimus lumborum</i> muscle. <i>Livestock Science</i> , 2017, 202, 101-108.	1.6	9
22	Chronic Inflammatory Lameness Increases Cytokine Concentration in the Spinal Cord of Dairy Cows. <i>Frontiers in Veterinary Science</i> , 2020, 7, 125.	2.2	8
23	Marlin is expressed in testis and associates to the cytoskeleton and GABA _B receptors. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 886-895.	2.6	7
24	Long-Term Storing of Frozen Semen at -196°C does not Affect the Post-Thaw Sperm Quality of Bull Semen. , 0, , .		7
25	In vitro inactivation of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> (MAP) by use of copper ions. <i>BMC Microbiology</i> , 2018, 18, 172.	3.3	7
26	Effectiveness of copper ions against <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> and bacterial communities in naturally contaminated raw cow's milk. <i>Journal of Applied Microbiology</i> , 2020, 131, 146-154.	3.1	6
27	Semen quality and freezability analysis during breeding and non-breeding seasons in heavy draft stallions in southern Chile. <i>Andrologia</i> , 2020, 52, e13797.	2.1	6
28	Understanding the antibacterial mechanisms of copper ion treatment on <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> . <i>Veterinary Microbiology</i> , 2022, 268, 109412.	1.9	6
29	Example Use of Low-Cost System for Capturing the Kinetic Parameters of Sperm Cells in Atlantic Salmon (<i>Salmo salar</i>). <i>Advances in Bioscience and Biotechnology (Print)</i> , 2015, 06, 63-72.	0.7	5
30	The Wnt1 ligand/Frizzled 3 receptor system plays a regulatory role in the achievement of the in vitro capacitation and subsequent in vitro acrosome exocytosis of porcine spermatozoa. <i>Andrology</i> , 2015, 3, 357-367.	3.5	4
31	Reevaluating the Sperm Nuclear Chromatin Decondensation Test by Sodium Thioglycolate of Stallions Spermatozoa. <i>Journal of Equine Veterinary Science</i> , 2016, 36, 10-14.	0.9	4
32	In vitro capacitation and further progesterone-induced acrosome exocytosis are linked to specific changes in the expression and location of threonine phosphorylation of boar spermatozoa. <i>Reproduction in Domestic Animals</i> , 2019, 54, 1085-1094.	1.4	4
33	Analytical evaluation of an immunomagnetic separation PCR assay to detect pathogenic <i>Leptospira</i> in cattle urine samples obtained under field conditions. <i>Journal of Veterinary Diagnostic Investigation</i> , 2021, 33, 52-58.	1.1	4
34	Temperature, but not excess of glycogen, regulates in vitro AMPK activity in muscle samples of steer carcasses. <i>PLoS ONE</i> , 2021, 16, e0229480.	2.5	3
35	Semen Quality and Freezability Analyses in the Ejaculates of Two Poitou Donkeys in the Southern Hemisphere. <i>Frontiers in Veterinary Science</i> , 2021, 8, 662887.	2.2	0
36	Diversidad genética al interior de los núcleos reproductivos de las razas pesadas del Plan Nacional de Fomento Equino basado en el análisis de loci microsatélites. <i>Archivos De Medicina Veterinaria</i> , 2016, 48, 11-17.	0.2	0