

Beatriz MacÃ- as GarcÃ-a

List of Publications by Year in descending order

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68
papers

2,215
citations

159585

30
h-index

223800

46
g-index

68
all docs

68
docs citations

68
times ranked

1777
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of different cellular concentrations of boar sperm suspensions on the induction of capacitation and acrosome reaction. <i>Journal of Reproduction and Development</i> , 2022, 68, 68-73.	1.4	5
2	Selected metabolites found in equine oviductal fluid do not modify the parameters associated to capacitation of the frozen-thawed equine spermatozoa in vitro. <i>Journal of Equine Veterinary Science</i> , 2022, , 103875.	0.9	1
3	A high glucose concentration during early stages of in vitro equine embryo development alters expression of genes involved in glucose metabolism. <i>Equine Veterinary Journal</i> , 2021, 53, 787-795.	1.7	4
4	Effects of Sedation with Medetomidine and Dexmedetomidine on Doppler Measurements of Ovarian Artery Blood Flow in Bitches. <i>Animals</i> , 2021, 11, 538.	2.3	1
5	The Proteome of Equine Oviductal Fluid Varies Before and After Ovulation: A Comparative Study. <i>Frontiers in Veterinary Science</i> , 2021, 8, 694247.	2.2	4
6	Stage-specific metabolomic changes in equine oviductal fluid: New insights into the equine fertilization environment. <i>Theriogenology</i> , 2020, 143, 35-43.	2.1	17
7	Boar spermatozoa proteomic profile varies in sperm collected during the summer and winter. <i>Animal Reproduction Science</i> , 2020, 219, 106513.	1.5	9
8	Study of the Metabolomics of Equine Preovulatory Follicular Fluid: A Way to Improve Current In Vitro Maturation Media. <i>Animals</i> , 2020, 10, 883.	2.3	9
9	Effect of boar semen supplementation with recombinant heat shock proteins during summer. <i>Animal Reproduction Science</i> , 2019, 211, 106227.	1.5	3
10	N-acetylcysteine addition after vitrification improves oocyte mitochondrial polarization status and the quality of embryos derived from vitrified murine oocytes. <i>BMC Veterinary Research</i> , 2019, 15, 31.	1.9	13
11	The calcium-sensing receptor regulates protein tyrosine phosphorylation through PDK1 in boar spermatozoa. <i>Molecular Reproduction and Development</i> , 2019, 86, 751-761.	2.0	11
12	Extracellular vesicles derived from endometrial human mesenchymal stem cells enhance embryo yield and quality in an aged murine model. <i>Biology of Reproduction</i> , 2019, 100, 1180-1192.	2.7	44
13	Hafnia paralvei ISOLATED FROM AN EMPHYSEMATOUS PYOMETRA IN A BITCH. <i>Slovenian Veterinary Research</i> , 2019, 56, .	0.2	2
14	Seminal plasma influences the fertilizing potential of cryopreserved stallion sperm. <i>Theriogenology</i> , 2018, 115, 99-107.	2.1	25
15	Oocyte holding in the Iberian red deer (<i>Cervus elaphus hispanicus</i>): Effect of initial oocyte quality and epidermal growth factor addition on in vitro maturation. <i>Reproduction in Domestic Animals</i> , 2018, 53, 243-248.	1.4	4
16	Extracellular vesicles derived from endometrial human mesenchymal stem cells improve IVF outcome in an aged murine model. <i>Reproduction in Domestic Animals</i> , 2018, 53, 46-49.	1.4	8
17	Expanded equine cumulus-oocyte complexes exhibit higher meiotic competence and lower glucose consumption than compact cumulus-oocyte complexes. <i>Reproduction, Fertility and Development</i> , 2018, 30, 297.	0.4	14
18	The immunomodulatory activity of extracellular vesicles derived from endometrial mesenchymal stem cells on CD4+ T cells is partially mediated by TGFbeta. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 2088-2098.	2.7	58

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19	Murine embryos exposed to human endometrial MSCs-derived extracellular vesicles exhibit higher VEGF/PDGF AA release, increased blastomere count and hatching rates. PLoS ONE, 2018, 13, e0196080.	2.5	49
20	Calmodulin inhibitors increase the affinity of Merocyanine 540 for boar sperm membrane under non-capacitating conditions. Journal of Reproduction and Development, 2018, 64, 445-449.	1.4	5
21	Fetal bovine serum is associated with polar body degeneration after in vitro maturation of bovine oocytes. Journal of the Hellenic Veterinary Medical Society, 2018, 68, 279.	0.3	0
22	Role of the Calcium-Sensing Receptor (CaSR) in bovine gametes and during in vitro fertilization. Theriogenology, 2017, 95, 69-74.	2.1	3
23	Effects of Oral Prednisone Administration on Serum Cystatin C in Dogs. Journal of Veterinary Internal Medicine, 2017, 31, 1765-1770.	1.6	9
24	Outlining adequate protocols for Lidia bull epididymal storage and sperm cryopreservation: use of glycerol, dimethylformamide and N-acetylcysteine. Spanish Journal of Agricultural Research, 2017, 15, e0405.	0.6	0
25	Extracellular calcium regulates protein tyrosine phosphorylation through calcium-sensing receptor (CaSR) in stallion sperm. Molecular Reproduction and Development, 2016, 83, 236-245.	2.0	10
26	Quercetin Ameliorate Motility in Frozen-Thawed Turkmen Stallions Sperm. Journal of Equine Veterinary Science, 2016, 45, 73-77.	0.9	47
27	Effect of clinically-related factors on in vitro blastocyst development after equine ICSI. Theriogenology, 2016, 85, 1289-1296.	2.1	40
28	Effect of Different Media and Protein Source on Equine Gametes: Potential Impact During In Vitro Fertilization. Reproduction in Domestic Animals, 2015, 50, 1039-1046.	1.4	14
29	Timing Factors Affecting Blastocyst Development in Equine Somatic Cell Nuclear Transfer. Cellular Reprogramming, 2015, 17, 124-130.	0.9	13
30	Cell lineage allocation in equine blastocysts produced in vitro under varying glucose concentrations. Reproduction, 2015, 150, 31-41.	2.6	31
31	Effect of calcium, bicarbonate, and albumin on capacitation-related events in equine sperm. Reproduction, 2015, 149, 87-99.	2.6	34
32	Regulation of Axonemal Motility in Demembrated Equine Sperm. Biology of Reproduction, 2014, 91, 152.	2.7	13
33	Effect of BAPTA-AM on Thawed Stallion Spermatozoa Extended in INRA 96 or Tyrode's Medium. Journal of Equine Veterinary Science, 2013, 33, 622-627.	0.9	2
34	Effects of medetomidine and medetomidine-butorphanol on transcranial color-coded duplex ultrasonography in healthy dogs. Research in Veterinary Science, 2013, 95, 648-653.	1.9	4
35	CatSper and the Relationship of Hyperactivated Motility to Intracellular Calcium and pH Kinetics in Equine Sperm. Biology of Reproduction, 2013, 89, 123.	2.7	61
36	Focal Adhesion Kinases and Calcium/Calmodulin-Dependent Protein Kinases Regulate Protein Tyrosine Phosphorylation in Stallion Sperm. Biology of Reproduction, 2013, 88, 138-138.	2.7	54

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37	61 APPLICATION OF AN OPEN DEVICE TO VITRIFY EQUINE IN VITRO-PRODUCED EMBRYOS. <i>Reproduction, Fertility and Development</i> , 2013, 25, 178.	0.4	3
38	Calcium-calmodulin and pH regulate protein tyrosine phosphorylation in stallion sperm. <i>Reproduction</i> , 2012, 144, 411-422.	2.6	44
39	Aging impairs Ca ²⁺ sensitization pathways in gallbladder smooth muscle. <i>Age</i> , 2012, 34, 881-893.	3.0	7
40	Toxicity of glycerol for the stallion spermatozoa: Effects on membrane integrity and cytoskeleton, lipid peroxidation and mitochondrial membrane potential. <i>Theriogenology</i> , 2012, 77, 1280-1289.	2.1	85
41	Osmotic shock induces structural damage on equine spermatozoa plasmalemma and mitochondria. <i>Theriogenology</i> , 2012, 78, 415-422.	2.1	32
42	Effect of Hoechst 33342 on stallion spermatozoa incubated in KMT or Tyrodes modified INRA96. <i>Animal Reproduction Science</i> , 2012, 131, 165-171.	1.5	14
43	Androcoll-E large selects a subset of live stallion spermatozoa capable of producing ROS. <i>Animal Reproduction Science</i> , 2012, 132, 74-82.	1.5	25
44	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
45	Consequences of butylated hydroxytoluene in the freezing extender on post-thaw characteristics of stallion spermatozoa in vitro. <i>Andrologia</i> , 2012, 44, 688-695.	2.1	9
46	Dimethylformamide Improves the In vitro Characteristics of Thawed Stallion Spermatozoa Reducing Sublethal Damage. <i>Reproduction in Domestic Animals</i> , 2012, 47, 995-1002.	1.4	18
47	The Membrane of the Mammalian Spermatozoa: Much More Than an Inert Envelope. <i>Reproduction in Domestic Animals</i> , 2012, 47, 65-75.	1.4	52
48	Freezing stallion semen with the new CÃ¡rceres extender improves post thaw sperm quality and diminishes stallion-to-stallion variability. <i>Animal Reproduction Science</i> , 2011, 127, 78-83.	1.5	25
49	Determination of glutation peroxidase and superoxide dismutase activities in canine seminal plasma and its relation with sperm quality and lipid peroxidation post thaw. <i>Theriogenology</i> , 2011, 75, 10-16.	2.1	42
50	Fatty acids and plasmalogens of the phospholipids of the sperm membranes and their relation with the post-thaw quality of stallion spermatozoa. <i>Theriogenology</i> , 2011, 75, 811-818.	2.1	48
51	Processing stored stallion semen doses by Single Layer Centrifugation. <i>Theriogenology</i> , 2011, 76, 1424-1432.	2.1	43
52	Dissecting the molecular damage to stallion spermatozoa: The way to improve current cryopreservation protocols?. <i>Theriogenology</i> , 2011, 76, 1177-1186.	2.1	111
53	Membrane Lipids of the Stallion Spermatozoon in Relation to Sperm Quality and Susceptibility to Lipid Peroxidation. <i>Reproduction in Domestic Animals</i> , 2011, 46, 141-148.	1.4	59
54	Melatonin reduces lipid peroxidation and apoptotic-like changes in stallion spermatozoa. <i>Journal of Pineal Research</i> , 2011, 51, 172-179.	7.4	91

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55	Freezing dog semen in presence of the antioxidant butylated hydroxytoluene improves postthaw sperm membrane integrity. <i>Theriogenology</i> , 2010, 73, 645-650.	2.1	50
56	Inhibition of the mitochondrial permeability transition pore reduces "apoptosis like" changes during cryopreservation of stallion spermatozoa. <i>Theriogenology</i> , 2010, 74, 458-465.	2.1	94
57	Lipid peroxidation, assessed with BODIPY-C11, increases after cryopreservation of stallion spermatozoa, is stallion-dependent and is related to apoptotic-like changes. <i>Reproduction</i> , 2009, 138, 55-63.	2.6	146
58	Identification of Protein Tyrosine Phosphatases and Dual-Specificity Phosphatases in Mammalian Spermatozoa and Their Role in Sperm Motility and Protein Tyrosine Phosphorylation1. <i>Biology of Reproduction</i> , 2009, 80, 1239-1252.	2.7	57
59	Effect of Cryopreservation on Nitric Oxide Production by Stallion Spermatozoa1. <i>Biology of Reproduction</i> , 2009, 81, 1106-1111.	2.7	66
60	Activated caspases are present in frozen-thawed canine sperm and may be related to post thaw sperm quality. <i>Zygote</i> , 2009, 17, 297-305.	1.1	9
61	Developmental changes in Ca ²⁺ homeostasis and contractility in gallbladder smooth muscle. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 296, C783-C791.	4.6	15
62	Identification of Sperm Subpopulations in Stallion Ejaculates: Changes after Cryopreservation and Comparison with Traditional Statistics. <i>Reproduction in Domestic Animals</i> , 2009, 44, 419-423.	1.4	65
63	Mitochondria in Mammalian Sperm Physiology and Pathology: A Review. <i>Reproduction in Domestic Animals</i> , 2009, 44, 345-349.	1.4	114
64	Does the Microbial Flora in the Ejaculate Affect the Freezeability of Stallion Sperm?. <i>Reproduction in Domestic Animals</i> , 2009, 44, 518-522.	1.4	46
65	Single-layer Centrifugation Through Colloid Positively Modifies the Sperm Subpopulation Structure of Frozen-Thawed Stallion Spermatozoa. <i>Reproduction in Domestic Animals</i> , 2009, 44, 523-526.	1.4	45
66	Two Unusual Cases of Canine Prostatitis: Prostatitis in a Castrated Dog and Preputial Oedema in an Intact Male. <i>Reproduction in Domestic Animals</i> , 2009, 45, e199-200.	1.4	1
67	Centrifugation on a single layer of colloid selects improved quality spermatozoa from frozen-thawed stallion semen. <i>Animal Reproduction Science</i> , 2009, 114, 193-202.	1.5	63
68	Apoptotic markers can be used to forecast the freezeability of stallion spermatozoa. <i>Animal Reproduction Science</i> , 2009, 114, 393-403.	1.5	73